

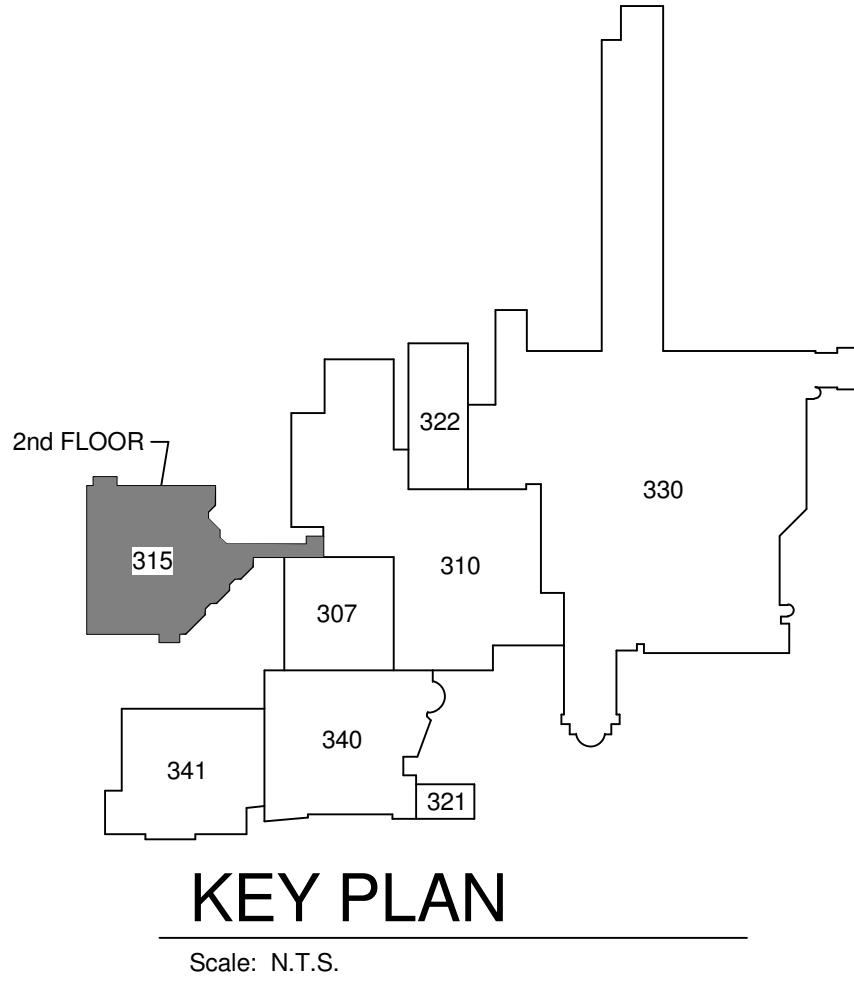
FULLY SPRINKLERED

GENERAL NOTES  
A REFER TO SHEET P001 FOR LEGEND, SYMBOLS & INDEX OF DRAWINGS.

- PLAN NOTES
- EXISTING TO REMAIN.
  - REMOVE EXISTING FIXTURE OR ITEM OF EQUIPMENT (TYPE AS INDICATED) AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION. ACCEPTABLE LENGTH OF EXISTING PIPING REMAINING AT ACTIVE MAIN SHALL BE LIMITED TO THE LENGTH REQUIRED TO INSTALL CAP.
  - REMOVE EXISTING PLUMBING FIXTURE OR EQUIPMENT (TYPE AS INDICATED) AND REPLACE WITH NEW FIXTURE IN SAME LOCATION. REFER TO NEW WORK PLANS. MODIFY EXISTING SUPPLY, WASTE AND VENT PIPING AND CARRIER AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
  - REMOVE EXISTING FLOOR DRAIN STRAINER AND BODY. PLUG OPENING AND INFILL WITH CONCRETE TO FLUSH WITH FINISHED FLOOR SLAB.
  - EXISTING FIXTURES SHALL REMAIN IN RESTROOM 201 AND 229 UNDER BID ITEM 3.
  - EXISTING LAB GAS CEILING SERVICES TO REMAIN.
  - REMOVE EXISTING 0.5" NG, LV, LA, DOW, DHW AND DRAIN CONNECTIONS TO EXISTING LAB GAS TURRETS AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAINS OR POINT OF NEW CONNECTION.
  - REMOVE EXISTING 0.5" NG, LV, LA, DOW, DHW AND DRAIN CONNECTIONS TO EXISTING LAB EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.



BUILDING 315 - SECOND FLOOR PLAN - REMOVALS  
Scale: 1/8" = 1'-0"



<div>5/13/2016 12:08:46 PM</div> <table><tr><td>1</td><td>35% Schematic Design</td><td>03.05.2015</td></tr><tr><td>2</td><td>65% Design Development</td><td>04.28.2015</td></tr><tr><td>3</td><td>95% Owner Review</td><td>08.14.2015</td></tr><tr><td>4</td><td>100% Construction Documents</td><td>11.04.2015</td></tr><tr><td>5</td><td>Bid Set Drawings</td><td>01.15.2016</td></tr><tr><td>Revisions</td><td></td><td>Date</td></tr></table>	1	35% Schematic Design	03.05.2015	2	65% Design Development	04.28.2015	3	95% Owner Review	08.14.2015	4	100% Construction Documents	11.04.2015	5	Bid Set Drawings	01.15.2016	Revisions		Date	CONSULTANTS: <div><b>Heapy Engineering</b> MEP Design Technology Planning Commissioning Energy <i>Nationally Recognized Leader in Sustainability</i> 1400 W Dorothy Lane, Dayton, OH 45409-1310 Ph 937-224-0861 Fax 937-224-5777 www.heapy.com Heapy Project No.: 2014-04034 Firm License No.: Q1528</div>	<div>STATE OF OHIO GARY S. EDDICE E-52755 REGISTERED PROFESSIONAL ENGINEER</div>	ARCHITECT/ENGINEERS: <div><b>JOHN POE ARCHITECTS</b> 3131 NEWMARK DRIVE, SUITE 200 MIAMISBURG, OHIO 45342 937.461.3290 PHONE jpa@johnpoe.com</div>	Drawing Title <b>SECOND FLOOR PLAN - REMOVALS</b> Approved: Project Director	Project Title <b>RELOCATE PROSTHETICS AND PODIATRY CLINICS</b> Location <b>Dayton, Ohio</b> Date <b>05.16.2016</b> Checked <b>CSS</b> Drawn <b>DPB</b>	Project No. VA Project No. <b>552-15-502</b> JPA Project No. <b>14006.00</b> Building Number <b>315</b> Drawing Number <b>315PD102</b> Dwg. of	Office of Construction and Facilities Management Department of Veterans Affairs
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Revisions		Date																							

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GENERAL NOTES

A REFER TO SHEET P001 FOR LEGEND, SYMBOLS & INDEX OF DRAWINGS.

PLAN NOTES

- EXISTING TO REMAIN.
- MODIFY EXISTING DCW, DHW AND SANITARY PIPING AS REQUIRED TO ACCOMMODATE NEW FIXTURE ABOVE.
- EXTEND NEW DCW, DHW AND SANITARY PIPING UP THROUGH FLOOR TO SERVE FIXTURE ABOVE.
- PROVIDE EMERGENCY THERMOSTATIC MIXING VALVE ABOVE ACCESSIBLE CEILING TO SERVE EMERGENCY EYE / FACE / SHOWER UNIT ABOVE.  
CAPACITY: 18 GPM @ 10 PSI DROP  
3 GPM MINIMUM FLOW  
MOUNT SECURELY ANCHORED ABOVE CEILING AND SET TO MAINTAIN 85 DEGREE F. TEMPERATURE.
- REMOVE EXISTING MEDICAL GAS PIPING (TYPE AND SIZE AS INDICATED) IN CORRIDOR MCC-G-1 BACK TO POINT OF NEW CONNECTION IN BUILDING 315 AND BUILDING 310. DEDUCT THIS WORK UNDER BID ITEM 4.
- EXTEND NEW MEDICAL GAS PIPING (TYPE AND SIZE AS INDICATED) DOWN WALL TO BELOW FINISHED FLOOR SLAB. DEDUCT THIS WORK UNDER BID ITEM 4.
- NEW MEDICAL GAS PIPING (TYPE AND SIZE AS INDICATED) FROM FIRST FLOOR ABOVE. DEDUCT THIS WORK UNDER BID ITEM 4.
- EXCAVATE TRENCH IN EXISTING FLOOR SLAB FOR NEW MEDICAL GAS PIPING (TYPE AND SIZE AS INDICATED). PROVIDE BACKFILL, INDICATOR TAPE, AND MARKER TAPE PER REQUIREMENTS OF NFPA 99-5.1.10.11.5. RESURFACE FLOOR SLAB TO MATCH EXISTING CONDITIONS. DEDUCT THIS WORK UNDER BID ITEM 4.
- PROVIDE WATER TIGHT SLEEVE AND SEAL THROUGH EXISTING FOUNDATION. DEDUCT THIS WORK UNDER BID ITEM 4.
- EXTEND MEDICAL GAS PIPING (TYPE AND SIZE AS INDICATED) BELOW GRADE BETWEEN BUILDINGS 315 AND 310. ENCASE PIPING IN SELF DRAINING CONDUIT, COVER OR ENCLOSE WITH ACCESS PROVIDED AT ALL JOINTS FOR VISUAL INSPECTION AND LEAK TESTING PER NFPA99-5.1.10.11.5. DEDUCT THIS WORK UNDER BID ITEM 4.
- EXTEND NEW DCW PIPING UP THROUGH FLOOR TO SERVE FIXTURE ABOVE.
- EXTEND 0.5" DOW AND DHW UP THROUGH FLOOR TO LAB EQUIPMENT ABOVE. EXTEND 1.5" DRAIN FROM LAB EQUIPMENT ABOVE THROUGH FLOOR TO MAIN AS INDICATED.

BUILDING 315 FIRST FLOOR PLAN - REMOVALS

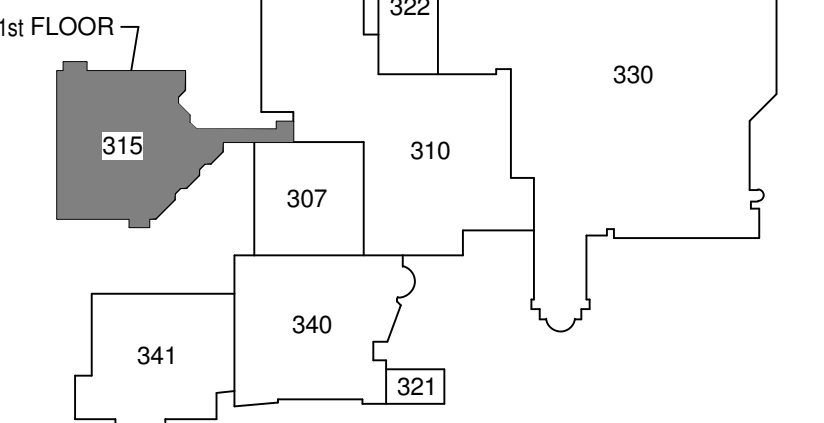
Scale: 1/8" = 1'-0"

BUILDING 315 FOUNDATION PLAN - NEW WORK

Scale: 1/8" = 1'-0"

BUILDING 315 FIRST FLOOR PLAN - NEW WORK

Scale: 1/8" = 1'-0"



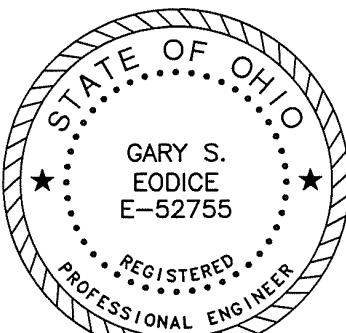
KEY PLAN

Scale: N.T.S.

Revisions	Date
1	03.05.2015
2	04.28.2015
3	08.14.2015
4	11.04.2015
5	01.15.2016

CONSULTANTS:

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Heapy Project No.: 2014-04034 Firm License No.: Q1528



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Drawing Title

FIRST FLOOR PLAN - NEW WORK

Approved: Project Director

Project Title

RELOCATE PROSTHETICS  
AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

CSS

Drawn

DPB

Project No.

VA Project No. 552-15-502  
JPA Project No. 14006.00

Building Number

315

Drawing Number

315PP101

Dwg. of

Office of  
Construction  
and Facilities  
Management



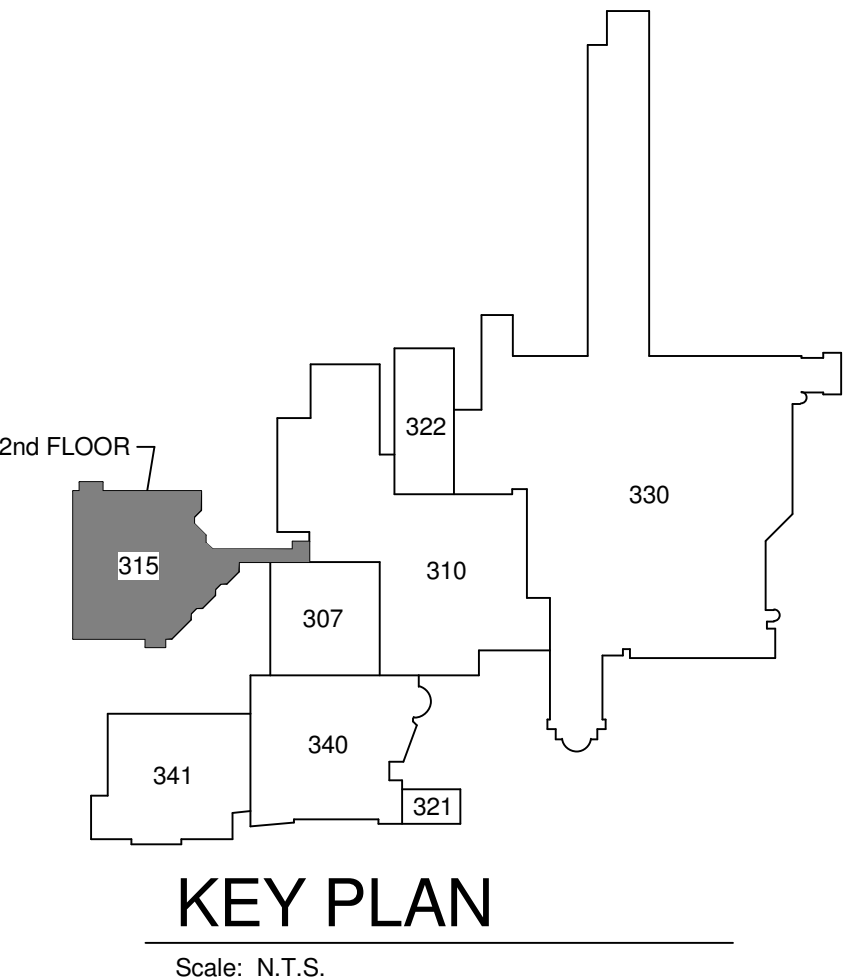
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GENERAL NOTES  
A REFER TO SHEET P001 FOR LEGEND, SYMBOLS & INDEX OF DRAWINGS.

- PLAN NOTES
- EXISTING TO REMAIN.
  - MODIFY EXISTING DCW, DHW, WASTE & VENT PIPING AND CARRIER AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
  - BOX MOUNTED TRANSFORMER LOCATED ABOVE THE CEILING TO CONTROL SENSOR OPERATED FAUCET ON FIXTURE(S) BELOW. 120V-1PH POWER WILL BE LOCATED IN A WIRING BOX ABOVE THE CEILING BY DIVISION 26. A 0.75" CONDUIT (FOR LOW VOLTAGE WIRING) STUBBED ABOVE THE CEILING AND EXTENDED DOWN TO AN ELECTRICAL WALL BOX LOCATED BELOW EACH LAVATORY WILL BE PROVIDED BY DIVISION 26. THE TRANSFORMERS AND LOW VOLTAGE WIRING SHALL BE BY DIVISION 22. COORDINATE ALL WORK WITH DIVISION 26.
  - CONNECT NEW VENT PIPING SERVING EMERGENCY FIXTURE TO EXISTING LAB SINK VENT PIPING ABOVE CEILING.
  - TRAP PRIMER. REFER TO DETAIL, C/P501.
  - EXISTING FIXTURE SHALL REMAIN IN RESTROOMS 201 AND 228 UNDER BID ITEM 3.
  - EXISTING LAB GAS CEILING SERVICES TO REMAIN.
  - RECONNECT EXISTING 0.5" NG, LA AND LV TO NEW LAB GAS TURRETS (PROVIDED BY OTHERS).
  - RECONNECT EXISTING 0.5" NG, LA, LV, DCW, DHW AND DRAIN TO NEW OR EXISTING LAB EQUIPMENT (PROVIDED BY OTHERS).
  - EXTEND 0.5" NG, LA AND LV TO LAB GAS TURRETS (PROVIDED BY OTHERS).
  - EXTEND 0.5" NG, LA AND LV TO LAB GAS EQUIPMENT (PROVIDED BY OTHERS).



BUILDING 315 SECOND FLOOR PLAN - NEW WORK  
Scale: 1/8" = 1'-0"



Revisions	Date
1	35% Schematic Design 03.05.2015
2	65% Design Development 04.28.2015
3	95% Owner Review 08.14.2015
4	100% Construction Documents 11.04.2015
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Drawing Title

**SECOND FLOOR PLAN - NEW WORK**

Approved: Project Director

Project Title

**RELOCATE PROSTHETICS AND PODIATRY CLINICS**

Location **Dayton, Ohio**

Date **05.16.2016** Checked **CSS** Drawn **DPB**

Project No. VA Project No. **552-15-502** JPA Project No. **14006.00**  
Building Number **315**  
Drawing Number **315PP102**  
Dwg. of

Office of Construction and Facilities Management  
Department of Veterans Affairs



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GENERAL NOTES

A. REFER TO SHEET M001 FOR LEGEND, SYMBOLS & ADDITIONAL GENERAL NOTES. REFER TO SHEETS M501-M503 FOR DETAILS AND CONTROLS. REFER TO SHEET M801 FOR SCHEDULES.

PLAN NOTES

1. REMOVE EXISTING PIPING AND ASSOCIATED HANGERS ETC.
2. REMOVE EXISTING FIN TUBE CONNECTOR AND ASSOCIATED SUPPORTS, PIPING, CONTROLS, ETC.
3. REMOVE EXISTING CABINET UNIT HEATER AND ASSOCIATED PIPING, CONTROLS, ETC.
4. SMOKING SHELTER IS BEING RELOCATED BY DIVISION 1 ALONG WITH ALL HVAC EQUIPMENT AND UTILITIES WITHIN.
5. REMOVE PIPING TO THIS POINT AND CAP.
6. CONNECTOR IS BEING DEMOLISHED UNDER BASE BID AND IS EXISTING TO REMAIN UNDER DEDUCT ALTERNATE 3.
7. EXISTING FIN TUBE CONNECTOR TO REMAIN UNDER DEDUCT ALTERNATE 3.
8. EXISTING PIPING TO REMAIN UNDER DEDUCT ALTERNATE 3.
9. EXISTING CABINET UNIT HEATER TO REMAIN UNDER DEDUCT ALTERNATE 3.
10. REFER TO SHEET 315MD102 FOR CONTINUATION.
11. REMOVE EXISTING DUCTWORK AND ASSOCIATED DAMPERS, SUPPORTS, ETC.
12. EXISTING DUCTWORK TO REMAIN.
13. REMOVE DUCTWORK TO THIS POINT FOR RECONNECTION IN NEW WORK.
14. EXISTING AIR DEVICE TO REMAIN.
15. CEILINGS IN THESE ROOMS ARE EXISTING LAY-IN ACT TYPE CEILINGS TO REMAIN.

BLDG 315 FIRST FLOOR PLAN - REMOVALS

Scale: 1/8" = 1'-0"

KEY PLAN

Scale: N.T.S.

CONSULTANTS:

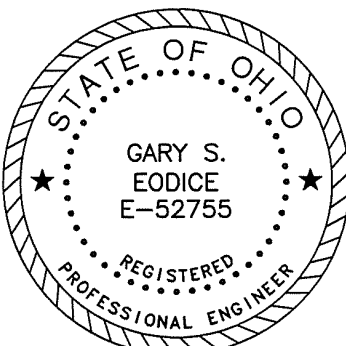


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Heapy Project No.: 2014-04034 Firm License No.: Q1528



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Drawing Title

FIRST FLOOR PLAN - REMOVALS

Approved: Project Director

Project Title

RELOCATE PROSTHETICS  
AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

PCW

Drawn

WJS

Project No.

VA Project No. 552-15-502

JPA Project No. 14006.00

Building Number

315

Drawing Number

315MD101

Dwg. of

Office of  
Construction  
and Facilities  
Management



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Revisions		Date
1	35% Schematic Design	03.05.2015
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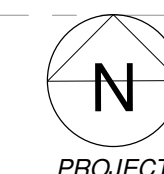
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GENERAL NOTES

- A TAKE AIR FLOW READINGS PRIOR TO ANY REMOVAL WORK.  
B ENTIRE RETURN DUCT SYSTEM, AND SUPPLY DUCT SYSTEM UP TO AIR TERMINAL UNITS, SHALL BE SEALED WITH INTERNAL DUCT SEALANT PER NOTES BELOW.  
C REFER TO SHEET M001 FOR LEGEND, SYMBOLS & ADDITIONAL GENERAL NOTES. REFER TO SHEETS M501-M503 FOR DETAILS AND CONTROLS. REFER TO SHEET M501 FOR SCHEDULES.

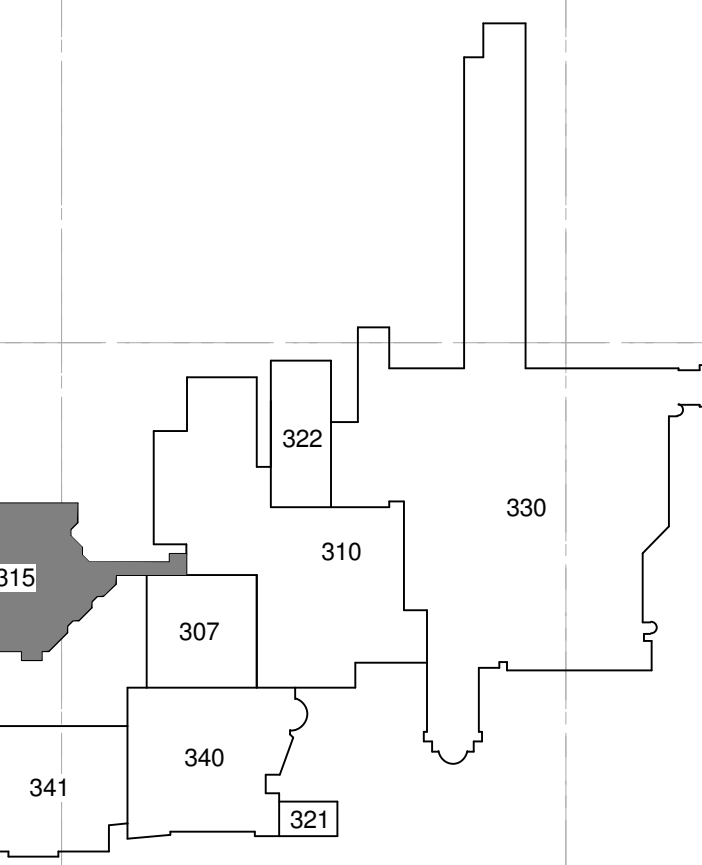
PLAN NOTES

- 1 EXISTING DUCTWORK TO REMAIN.  
2 EXISTING AIR TERMINAL UNIT TO REMAIN.  
3 EXISTING AIR TERMINAL UNIT AND ALL ASSOCIATED DUCTWORK, PIPING, CONTROLS, ETC.  
4 REMOVE EXISTING DUCTWORK TO THIS POINT AND CAP.  
5 REMOVE EXISTING DUCTWORK TO THIS POINT FOR RECONNECTION IN NEW WORK.  
6 REMOVE EXISTING AIR DEVICE AND ASSOCIATED DUCTWORK, SUPPORTS, ETC.  
7 REMOVE EXISTING DUCTWORK AND ASSOCIATED DAMPERS, SUPPORTS, ETC.  
8 REMOVE EXISTING MAGNETIC GAUGE AND REPLACE WITH DDC PRESSURE SENSOR. TIE INTO DDC SYSTEM.  
9 REMOVE EXISTING PIPING TO THIS POINT AND CAP.  
10 REMOVE EXISTING PIPING TO THIS POINT FOR RECONNECTION IN NEW WORK.  
11 REMOVE EXISTING PIPING AND ASSOCIATED VALVES, HANGERS, ETC.  
12 EXISTING PIPING TO REMAIN.  
13 REMOVE EXISTING HEATING HOT WATER FINNED TUBE CONVECTOR AND ASSOCIATED CONTROLS, SUPPORTS, PIPING, ETC. FOR REPLACEMENT IN NEW WORK. REMOVE PIPING BACK TO WALLS/FLOOR FOR RECONNECTION IN NEW WORK.  
14 REMOVE EXISTING SOUND ATTENUATOR AND ASSOCIATED DUCTWORK, SUPPORTS, ETC.  
15 REMOVE EXISTING FIN TUBE CONVECTOR AND ASSOCIATED SUPPORTS, PIPING, CONTROLS, ETC.  
16 EXISTING FIN TUBE CONVECTOR TO REMAIN UNDER DEDUCT ALTERNATE 3.  
17 REFER TO SHEET 315MD101 FOR CONTINUATION.  
18 AFTER REMOVALS BUT PRIOR TO NEW WORK, SEAL DUCTWORK WITH POLYMER PARTICLE SEALANT APPLIED FROM THE INSIDE OUT. BLOCK ALL FANS, AIR DEVICES, COILS, AND ALL OTHER EQUIPMENT DURING THE SEALING PROCESS. PROVIDE COMPUTER GENERATED ANALYSIS SUMMARIZING RESULTS.  
19 BLOCK OFF DUCTWORK DOWN TO FIRST FLOOR DURING DUCT SEALING PROCESS.  
20 EXISTING RETURN FAN TO REMAIN.  
21 EXISTING AHU TO REMAIN.  
22 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED CURB ON ROOF ABOVE FOR REPLACEMENT IN NEW WORK. REMOVE VERTICAL DUCTWORK TO BELOW HORIZONTAL DUCTWORK. REMOVE HORIZONTAL DUCTWORK TO POINT INDICATED. BOTH TO BE RECONNECTED IN NEW WORK. REFER TO SHEET 315MD102.  
23 TAKE AIR FLOW READINGS WITH FAN AT FULL FLOW PRIOR TO ANY REMOVAL WORK.  
24 PATCH WALL TO MATCH EXISTING.  
25 REMOVE EXISTING AIR DEVICE FOR REPLACEMENT IN NEW WORK.  
26 PATCH EXISTING WALL AS REQUIRED WHERE RADIATOR IS BEING REMOVED.



BLDG 315 SECOND FLOOR PLAN - REMOVALS

Scale: 1/8" = 1'-0"



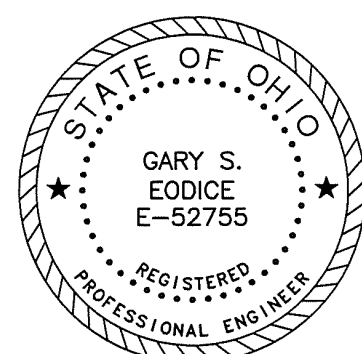
KEY PLAN

Scale: N.T.S.

Revisions		Date
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Drawing Title

SECOND FLOOR PLAN -  
REMOVALS

Approved: Project Director

Project Title

RELOCATE PROSTHETICS  
AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

PCW

Drawn

WJS

Project No.

VA Project No. 552-15-502  
JPA Project No. 14006.00

Building Number

315

Drawing Number

315MD102

Dwg. of

Office of  
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Department of  
Veterans Affairs

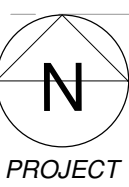
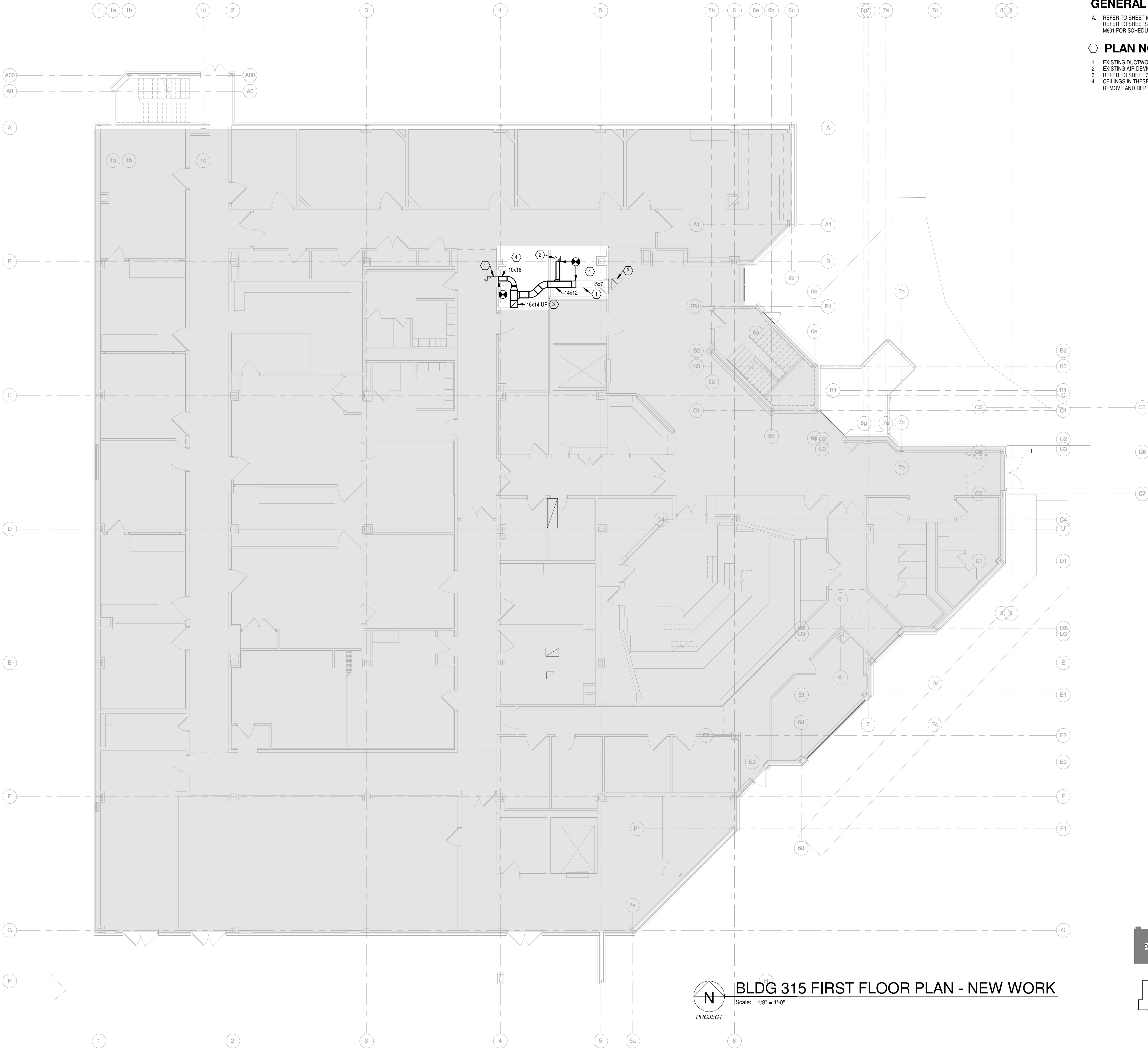
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GENERAL NOTES

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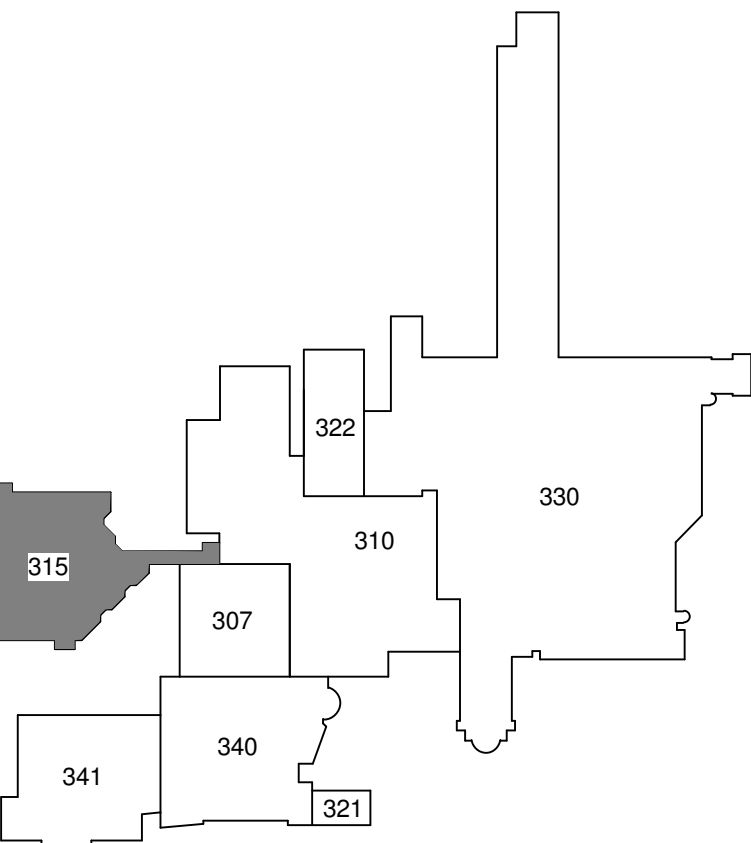
PLAN NOTES

1. EXISTING DUCTWORK TO REMAIN.  
2. EXISTING AIR DEVICE TO REMAIN.  
3. REFER TO SHEET 315MH102 FOR CONTINUATION.  
4. CEILINGS IN THESE ROOMS ARE EXISTING LAY-IN ACT TYPE CEILINGS TO REMAIN. REMOVE AND REPLACE AS REQUIRED.



BLDG 315 FIRST FLOOR PLAN - NEW WORK

Scale: 1/8" = 1'-0"



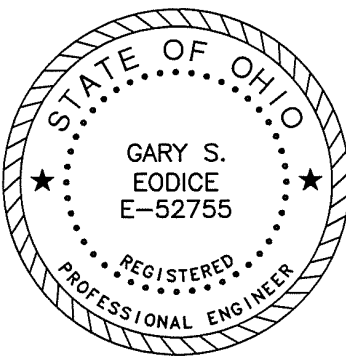
KEY PLAN

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Revisions	Date	By	Check	Appr
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Drawing Title

FIRST FLOOR PLAN - NEW WORK

Approved: Project Director

Project Title

RELOCATE PROSTHETICS  
AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

PCW

Drawn

WJS

Project No.  
VA Project No. 552-15-502  
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Building Number

315

Drawing Number

315MH101

Dwg. of

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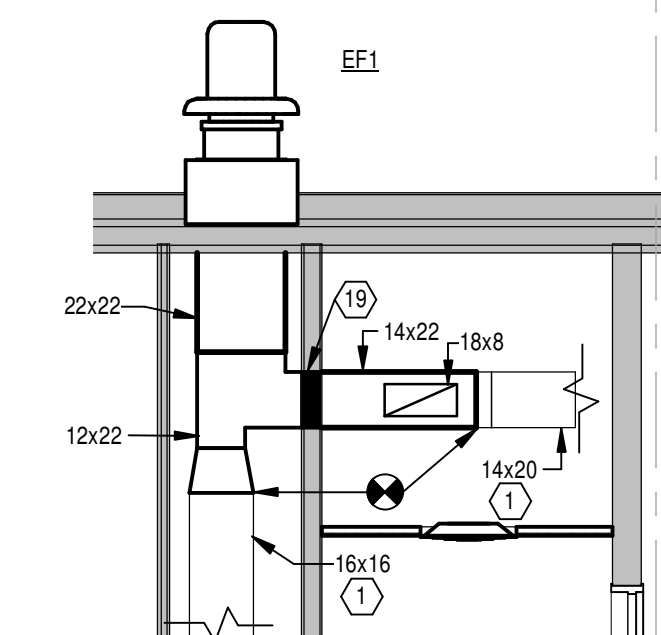
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## GENERAL NOTES

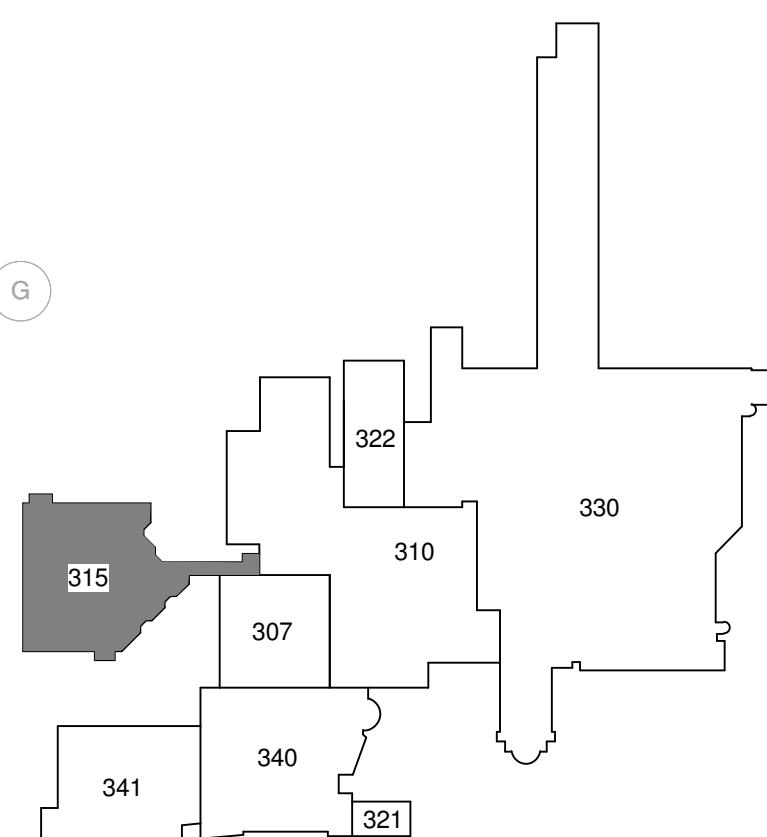
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## PLAN NOTES

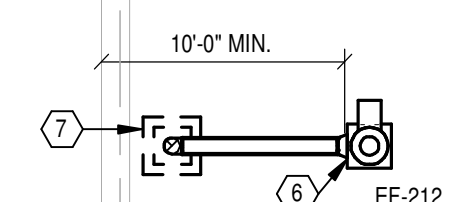
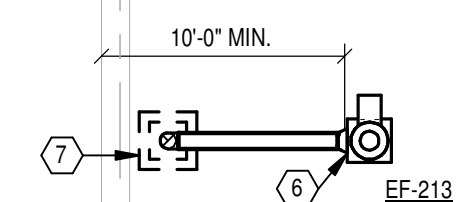
- EXISTING DUCTWORK TO REMAIN.
- REBALANCE EXISTING AIR TERMINAL UNIT TO CFM INDICATED.
- EXISTING AIR DEVICE TO REMAIN.
- CONNECT 8" DIAMETER FIELD VERIFY DUCT TO RELOCATED EXHAUST HOOD. EXTEND DUCT THRU ROOF. OFFSET AS REQUIRED FOR STRUCTURE. REFER TO ROOF PLAN ON THIS SHEET FOR CONTINUATION.
- EXISTING AIR DEVICE TO REMAIN. BALANCE TO CFM INDICATED.
- PROVIDE BYPASS FLENUM WITH SIDE DUCT CONNECTION. TRANSITION DUCT AS REQUIRED.
- PROVIDE DUCT PENETRATION ROOF CURB.
- BALANCE EXISTING SUPPLY FAN TO 30,000 CFM.
- BALANCE EXISTING RETURN FAN TO 30,000 CFM.
- EXISTING EXHAUST DUCT DOWN TO FIRST FLOOR TO REMAIN.
- EXISTING RETURN DUCT DOWN TO FIRST FLOOR TO REMAIN.
- PROVIDE STATIC TYPE B FIRE DAMPER IN DUCT THRU FLOOR. ACCESS FROM THIS FLOOR. PROVIDE ACCESS PANEL IN CORRIDOR WALL. REFER TO SHEET 315MH101 FOR CONTINUATION.
- PROVIDE BR1-20"X8" RETURN AIR GRILLE. BALANCE TO 550 CFM.
- AFTER REMOVALS BUT PRIOR TO NEW WORK. SEAL DUCTWORK WITH POLYMER PARTICLE SEALANT APPLIED FROM THE INSIDE OUT. BLOCK ALL FANS, AIR DEVICES, COILS, AND ALL OTHER EQUIPMENT DURING THE SEALING PROCESS. PROVIDE COMPUTER GENERATED ANALYSIS SUMMARIZING RESULTS.
- BLOCK OFF DUCTWORK DOWN TO FIRST FLOOR DURING DUCT SEALING PROCESS.
- PROVIDE DOUBLE OFFSET TO REDUCE NOISE TRANSFER.
- PROVIDE NEW FAN ON ROOF ABOVE WHERE EXISTING FAN WAS LOCATED. PROVIDE NEW ROOF CURB. REFER TO POWER ROOF VENTILATOR DETAIL ON SHEET M503.
- REFER TO ROOF PLAN ON THIS SHEET FOR CONTINUATION.
- PROVIDE STATIC TYPE B FIRE DAMPER.
- PROVIDE NEW DDC PANEL IN THIS APPROXIMATE LOCATION.
- PROVIDE DDC PRESSURE SENSOR. TIE INTO DDC SYSTEM.



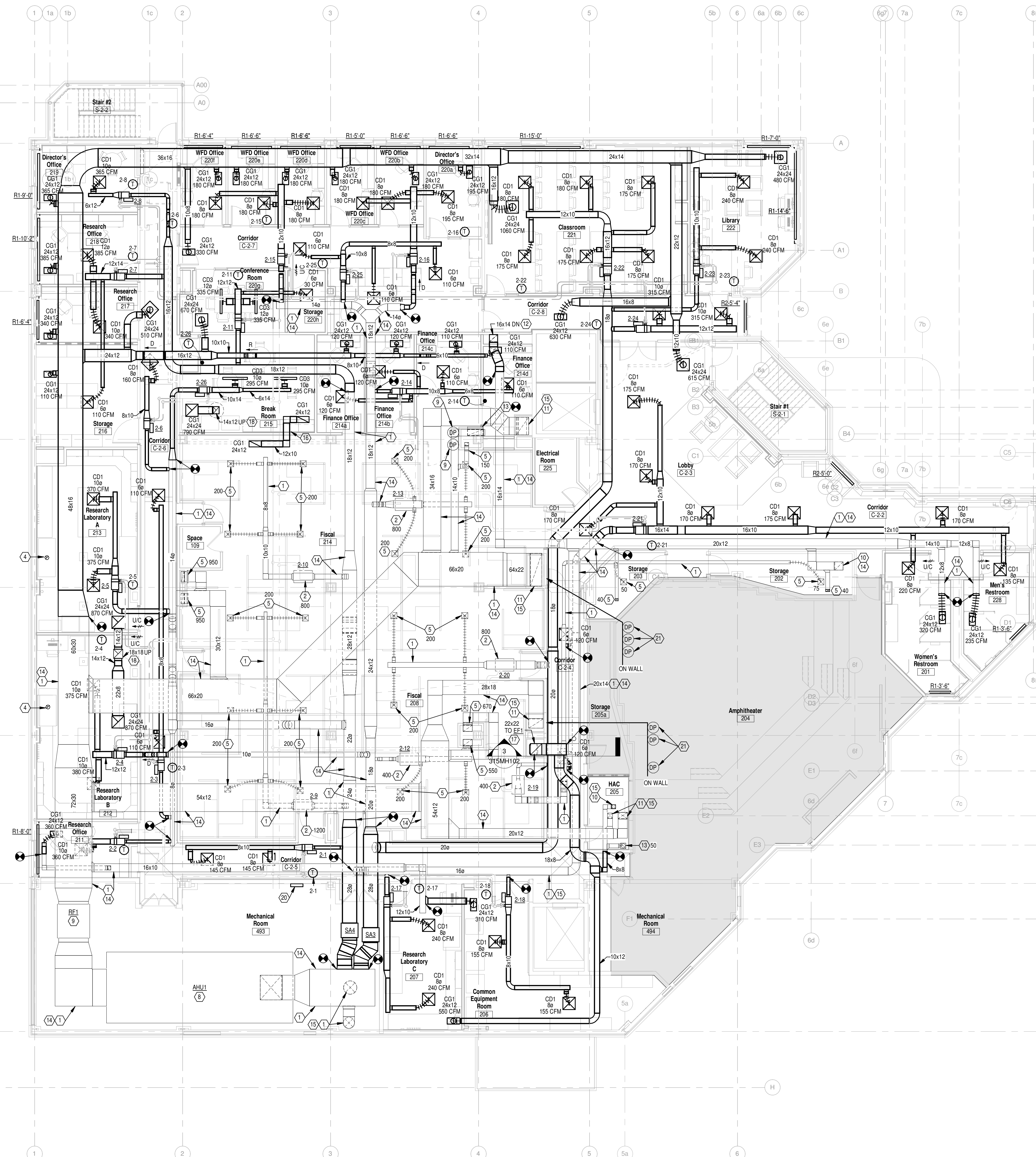
3 EF1 SECTION  
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KEY PLAN  
Scale: N.T.S.



BLDG 315 ROOF PLAN  
Scale: 1/8" = 1'-0"  
PROJECT

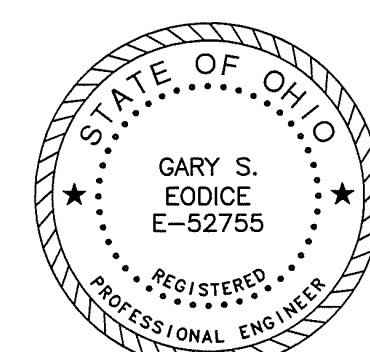


BLDG 315 SECOND FLOOR PLAN - DUCTWORK  
Scale: 1/8" = 1'-0"  
PROJECT

Revisions	Date
1	03.05.2015
2	04.28.2015
3	08.14.2015
4	11.04.2015
5	01.15.2016

CONSULTANTS:

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Heapy Project No.: 2014-04034 Firm License No.: Q1528



ARCHITECT/ENGINEERS:

JOHN POE ARCHITECTS



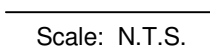
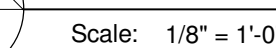
3131 NEWMARK DRIVE,  
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Drawing Title  
**SECOND FLOOR PLAN - DUCTWORK**  
Approved: Project Director

Project Title  
**RELOCATE PROSTHETICS AND PODIATRY CLINICS**  
Location  
**Dayton, Ohio**  
Date  
**05.16.2016**  
Checked  
**PCW**  
Drawn  
**WJS**

Project No.  
VA Project No. **552-15-502**  
JPA Project No. **14006.00**  
Building Number  
**315**  
Drawing Number  
**315MH102**  
Dwg. of

Office of  
Construction  
and Facilities  
Management  
Department of  
Veterans Affairs



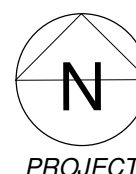
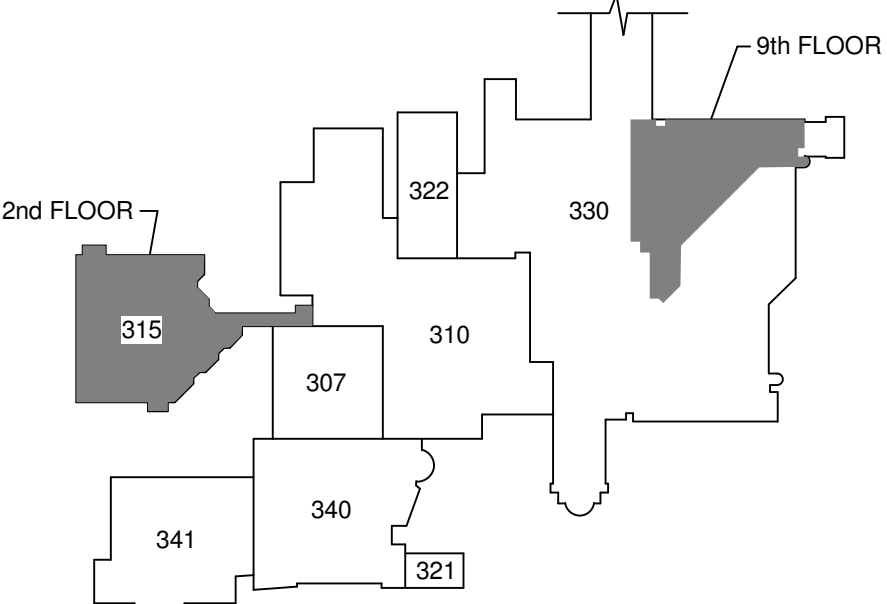
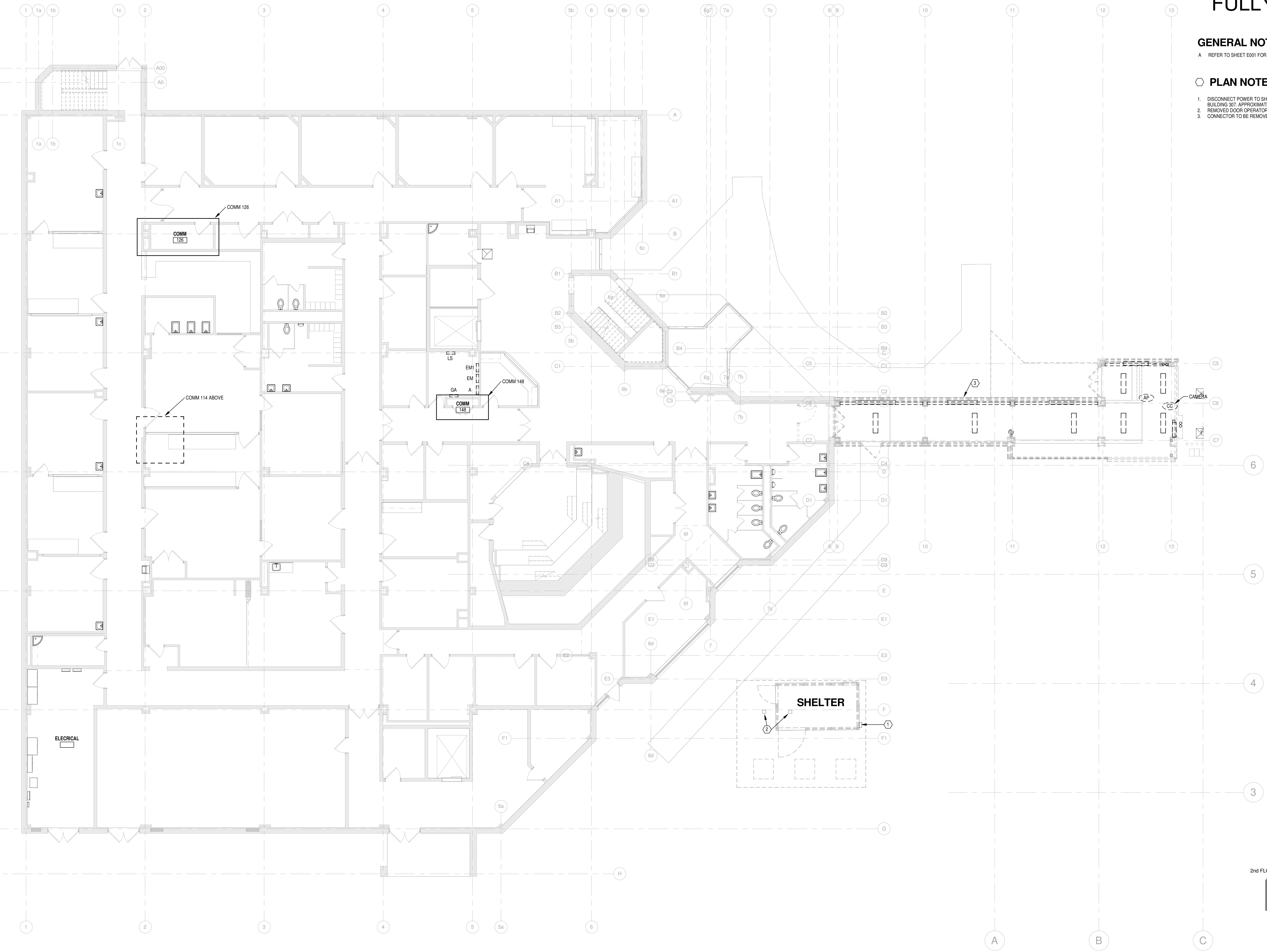
Department of  
Veterans Affairs



FULLY SPRINKLERED

GENERAL NOTES  
A REFER TO SHEET E001 FOR LEGEND, SYMBOLS & INDEX OF DRAWINGS.

- PLAN NOTES
- DISCONNECT POWER TO SHELTER. REMOVE CONDUIT AND WIRE BACK TO THE SOURCE IN BUILDING 307. APPROXIMATELY 120'. SEE SHEET 307ED101
  - REMOVED DOOR OPERATOR SWITCHER. SAVE FOR REUSE IN NEW SHELTER LOCATION.
  - CONNECTOR TO BE REMOVED IN BASE B10. UNDER ALTERNATE CONNECTOR TO REMAIN.



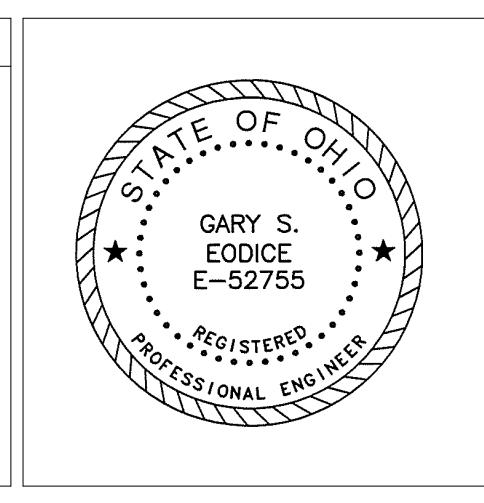
BLDG 315 LOWER LEVEL PLAN - REMOVALS  
Scale: 1/8" = 1'-0"

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Revisions		Date
1	35% Schematic Design	03.05.2015
2	65% Design Development	04.28.2015
3	95% Owner Review	08.14.2015
4	100% Construction Documents	11.04.2015
5	Bid Set Drawings	01.15.2016

CONSULTANTS:

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Heapy Project No.: 2014-04034 Firm License No.: Q1528



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Drawing Title  
**LOWER LEVEL PLAN - REMOVALS**  
Approved: Project Director

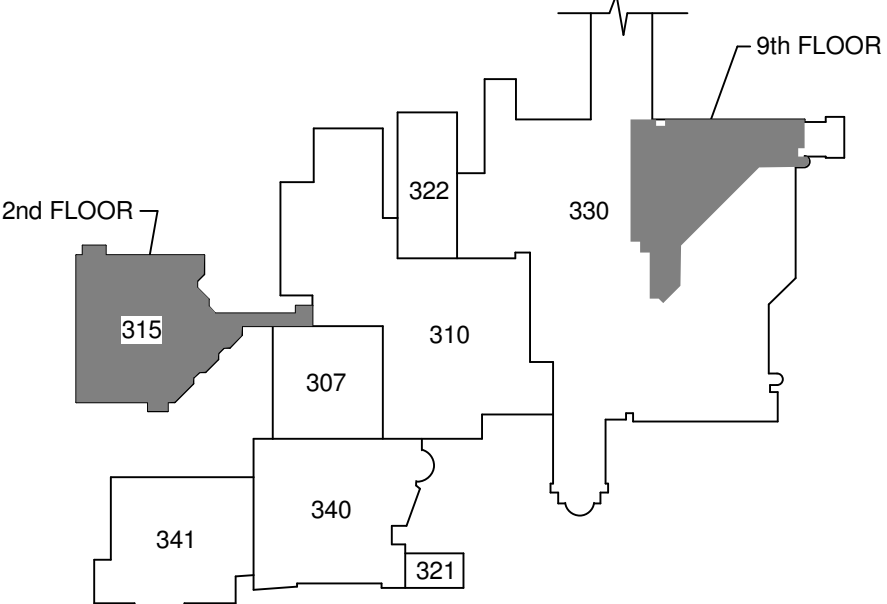
Project Title <b>RELOCATE PROSTHETICS AND PODIATRY CLINICS</b>		Project No. VA Project No. 552-15-502 JPA Project No. 14006.00	
Location <b>Dayton, Ohio</b>		Building Number <b>315</b>	
Date <b>05.16.2016</b>	Checked <b>MSG</b>	Drawn <b>SC</b>	Drawing Number <b>315ED101</b>
Dwg. of		Office of Construction and Facilities Management Department of Veterans Affairs	

FULLY SPRINKLERED

GENERAL NOTES  
A REFER TO SHEET E001 FOR LEGEND, SYMBOLS & INDEX OF DRAWINGS.

- PLAN NOTES
- CONNECTOR TO BE REMOVED UNDER BASE BID. UNDER ALTERNATE CONNECTOR TO REMAIN.
  - EXISTING CARD READER DOORS TO BE DEACTIVATED FROM OIT SOFTWAREHOUSE SYSTEM (PANEL LOCATED IN SIGNALS CLOSET 114). READERS TO BE RELOCATED TO RENOVATED ROOMS ON 7 NORTH OF BUILDING 330 (REFER TO ARCHITECTURAL PLANS FOR ROOM LOCATIONS). REX MOTION DETECTOR, DOOR POSITION SWITCH AND ELECTRIC STRIKE UNIT TO BE RE-USED FOR NEW DOOR CONTROL.
  - EXISTING OIT NET/ROT CAMERA TO BE REMOVED INCLUDING DATA DROP. TURN CAMERAS OVER TO VA OIT.

- BID ITEMS
- BID ITEM #1: BASE BID.
  - BID ITEM #2: DEDUCT ALTERNATE #1: DELETE LIGHTING IN COORIDORS C-2-2, C2-3, C2-4, C2-5, C2-6 PLUS ALL PREVIOUS BID ITEMS.
  - BID ITEM #3: DEDUCT ALTERNATE #2: DELETE ALL WORK IN RESTROOMS 210, AND 228. PLUS ALL PREVIOUS BID ITEMS.
  - BID ITEM #4: DEDUCT ALTERNATE #3: DELETE THE WORK ASSOCIATED WITH DEMOLITION OF THE CONNECTING CORRIDOR BETWEEN BLD. 315 & 310. PLUS ALL PREVIOUS BID ITEMS.
  - BID ITEM #5: DEDUCT ALTERNATE #4: DELETE ALL WORK ASSOCIATED WITH THE 7TH FLOOR OF BUILDING 330. PLUS ALL PREVIOUS BID ITEMS.
  - BID ITEM #6: DEDUCT ALTERNATE #5: DEDUCT ALL WORK ASSOCIATED WITH REPLACEMENT OF PANELS A, B, GA, AA, 1A, 1B, 1C, EM, EM1, AND EM2. CONTRACTOR STILL WILL NEED TO PROVIDE BREAKERS FOR NEW LIGHTS AND EQUIPMENT AS DETAILED ON DRAWINGS. PLUS ALL PREVIOUS BID ITEMS.



KEY PLAN  
Scale: N.T.S.

BLDG 315 SECOND FLOOR PLAN - REMOVALS  
Scale: 1/8" = 1'-0"



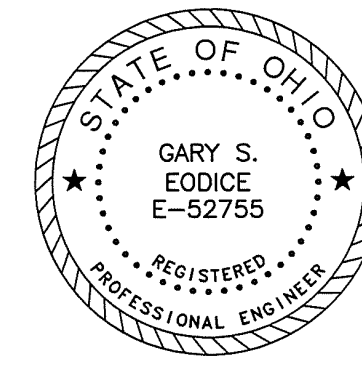
PROJECT

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Revisions		Date
1	35% Schematic Design	03.05.2015
2	65% Design Development	04.28.2015
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CONSULTANTS:

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Heapy Project No.: 2014-04034 Firm License No.: Q1528



ARCHITECT/ENGINEERS:

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Drawing Title

SECOND FLOOR PLAN - REMOVALS

Approved: Project Director

Project Title

RELOCATE PROSTHETICS AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

MSG

Drawn

SC

Project No.

VA Project No. 552-15-502

JPA Project No. 14006.00

Building Number

315

Drawing Number

315ED102

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Office of Construction and Facilities Management



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GENERAL NOTES

- A. WHERE MULTIPLE OCCUPANCY SENSORS ARE SHOWN IN A COMMON ROOM OR CORRIDOR, WIRE SENSORS IN PARALLEL FOR COMMON ZONE CONTROL.
- B. WHERE SWITCHES ARE SHOWN IN SPACES CONTROLLED BY OCCUPANCY SENSORS, WIRE SENSOR RELAY PACK AHEAD OF LOCAL SWITCHING (EXCEPT LIFE SAFETY CIRCUITS).
- C. PROVIDE DEDICATED NEUTRAL FOR ALL 120V/277V CIRCUITS.
- D. COORDINATE ALL LIGHTING FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- E. OCCUPANCY SENSOR MANUFACTURERS SHALL SUBMIT AN 1/8" SCALE FLOOR PLAN SHOWING PROPOSED LAYOUT WITH DEVICES CLEARLY IDENTIFIED DURING SHOP DRAWING REVIEW. OCCUPANCY SENSOR SHOP DRAWING SUBMITTAL MISSING THIS INFORMATION WILL BE REJECTED. REQUEST AIA/CES FLOOR PLANS WELL IN ADVANCE OF SHOP DRAWINGS TO ENSURE REASONABLE TIME OF DELIVERY.
- F. COORDINATE OCCUPANCY SENSOR AIMING AND PLACEMENT WITH MANUFACTURER PRIOR TO INSTALLATION.
- G. WIRE ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.
- H. (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND COMMON SHARED GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- I. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
- J. INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.
- K. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.
- L. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.
- M. PROVIDE PRINTED LABELS ON ALL RECEPTACLE AND SWITCH COVERPLATES INDICATING PANEL AND CIRCUIT NUMBER.
- N. REFER TO ARCHITECTURAL CEILING PLANS FOR CEILING TYPES. LIGHTING FIXTURES SHOULD BE ORDERED TO REFLECT REQUIRED CEILING MATERIAL.
- O. CONTROL FOR LIFE SAFETY LIGHTING SHALL BE AT THE BREAKER.

PLAN NOTES

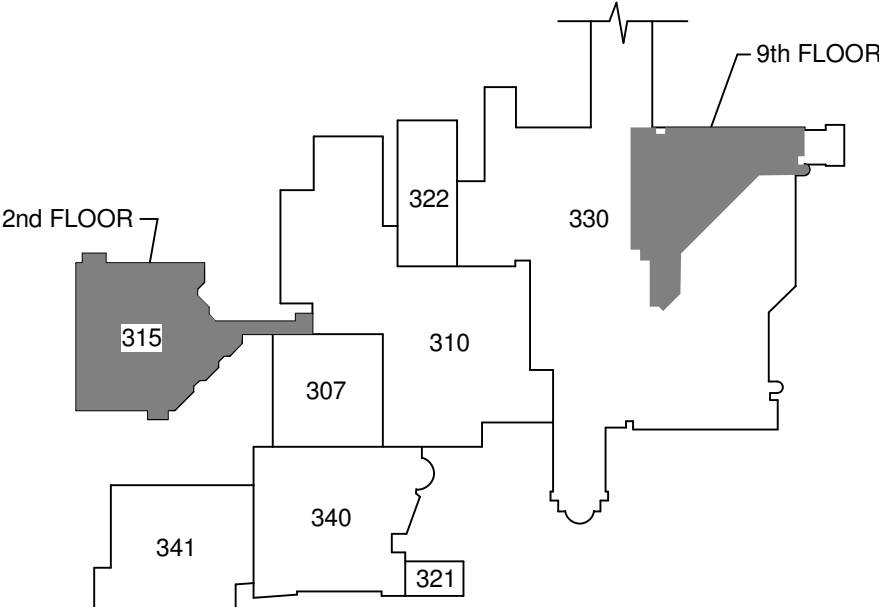
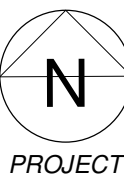
- 1. LIGHT ARE SUSPENDED FROM CEILING AT VARIOUS HEIGHTS. VERIFY WITH ARCHITECT MOUNTING HEIGHTS DESIRED.
- 2. CONNECT TO EXISTING EMERGENCY CIRCUITRY PRESENTLY SERVING IN THIS AREA.

BID ITEMS

- a. BID ITEM #1 - BASE BID.
- b. BID ITEM #2 - DEDUCT ALTERNATE #1: DELETE LIGHTING IN CORRIDORS C-2-2, C2-3, C2-4, C2-5, C2-6 PLUS ALL PREVIOUS BID ITEMS.
- c. BID ITEM #3 - DEDUCT ALTERNATE #2: DELETE ALL WORK IN RESTROOMS 210, AND 228. PLUS ALL PREVIOUS BID ITEMS.
- d. BID ITEM #4 - DEDUCT ALTERNATE #3: DELETE THE WORK ASSOCIATED WITH DEMOLITION OF THE CONNECTING CORRIDOR BETWEEN BLD. 315 & 310. PLUS ALL PREVIOUS BID ITEMS.
- e. BID ITEM #5 - DEDUCT ALTERNATE #4: DELETE ALL WORK ASSOCIATED WITH THE 7TH FLOOR OF BUILDING 330. PLUS ALL PREVIOUS BID ITEMS.
- f. BID ITEM #6 - DEDUCT ALTERNATE #5: DEDUCT ALL WORK ASSOCIATED WITH REPLACEMENT OF PANELS A, B, GA, AA, 1A, 1B, 1C, EM, EM1, AND EM2. CONTRACTOR STILL WILL NEED TO PROVIDE BREAKERS FOR NEW LIGHTS AND EQUIPMENT AS DETAILED ON DRAWINGS. PLUS ALL PREVIOUS BID ITEMS.

BLDG 315 SECOND FLOOR PLAN - LIGHTING

Scale: 1/8" = 1'-0"



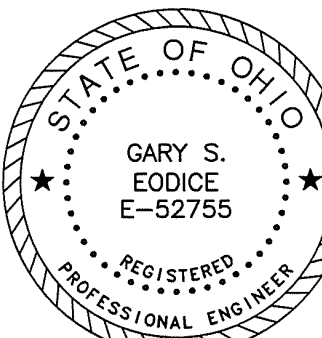
KEY PLAN

Scale: N.T.S.

CONSULTANTS:



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Heapy Project No.: 2014-04034 Firm License No.: Q1528



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Drawing Title

SECOND FLOOR PLAN - LIGHTING

Approved: Project Director

Project Title

RELOCATE PROSTHETICS  
AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

MSG

Drawn

SC

Project No.

VA Project No. 552-15-502  
JPA Project No. 14006.00

Building Number

315

Drawing Number

315EL102

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Construction  
and Facilities  
Management



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Revisions		Date
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2	65% Design Development	04.28.2015
3	95% Owner Review	08.14.2015
4	100% Construction Documents	11.04.2015
5	Bid Set Drawings	01.15.2016

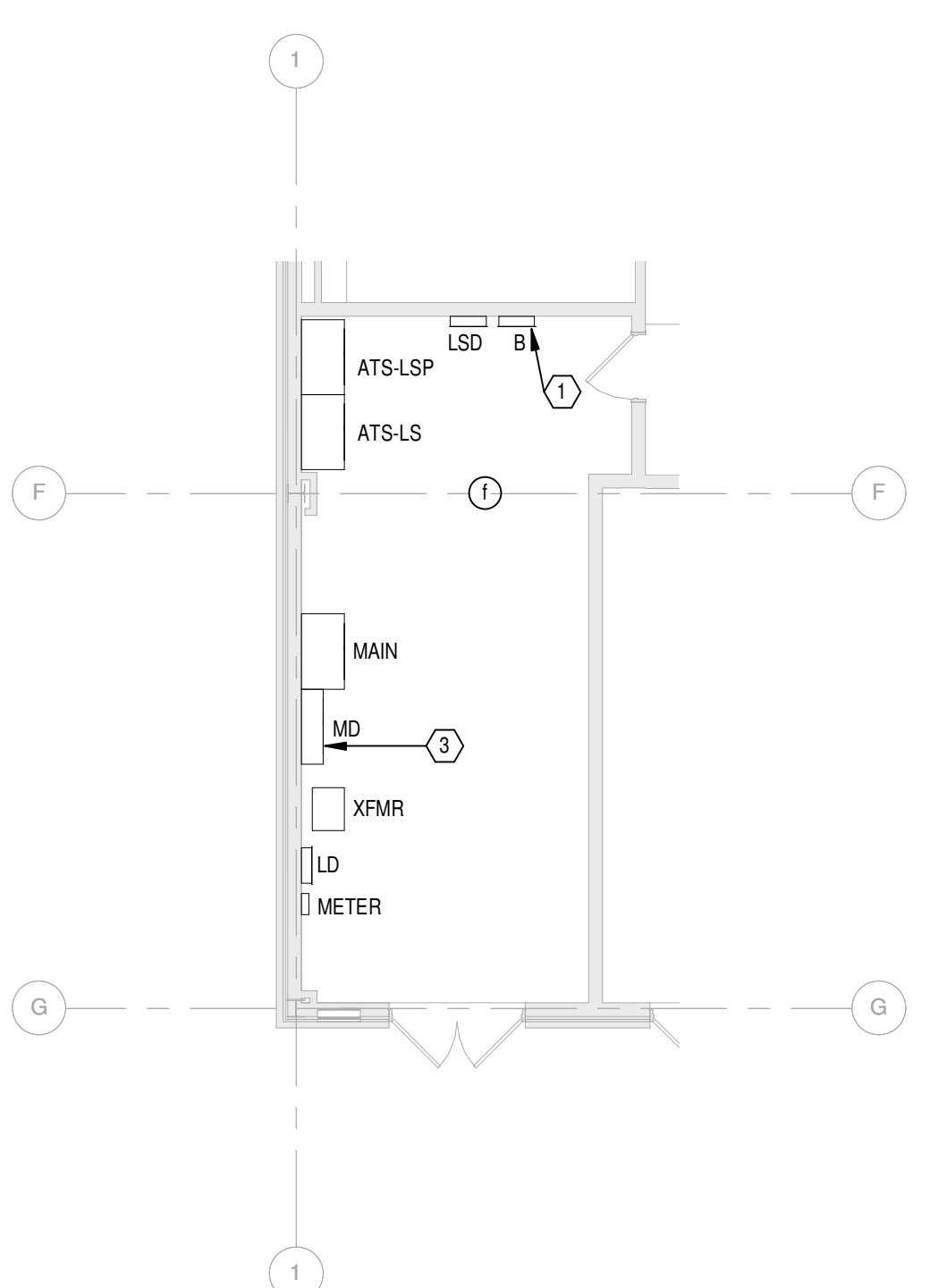


FULLY SPRINKLERED

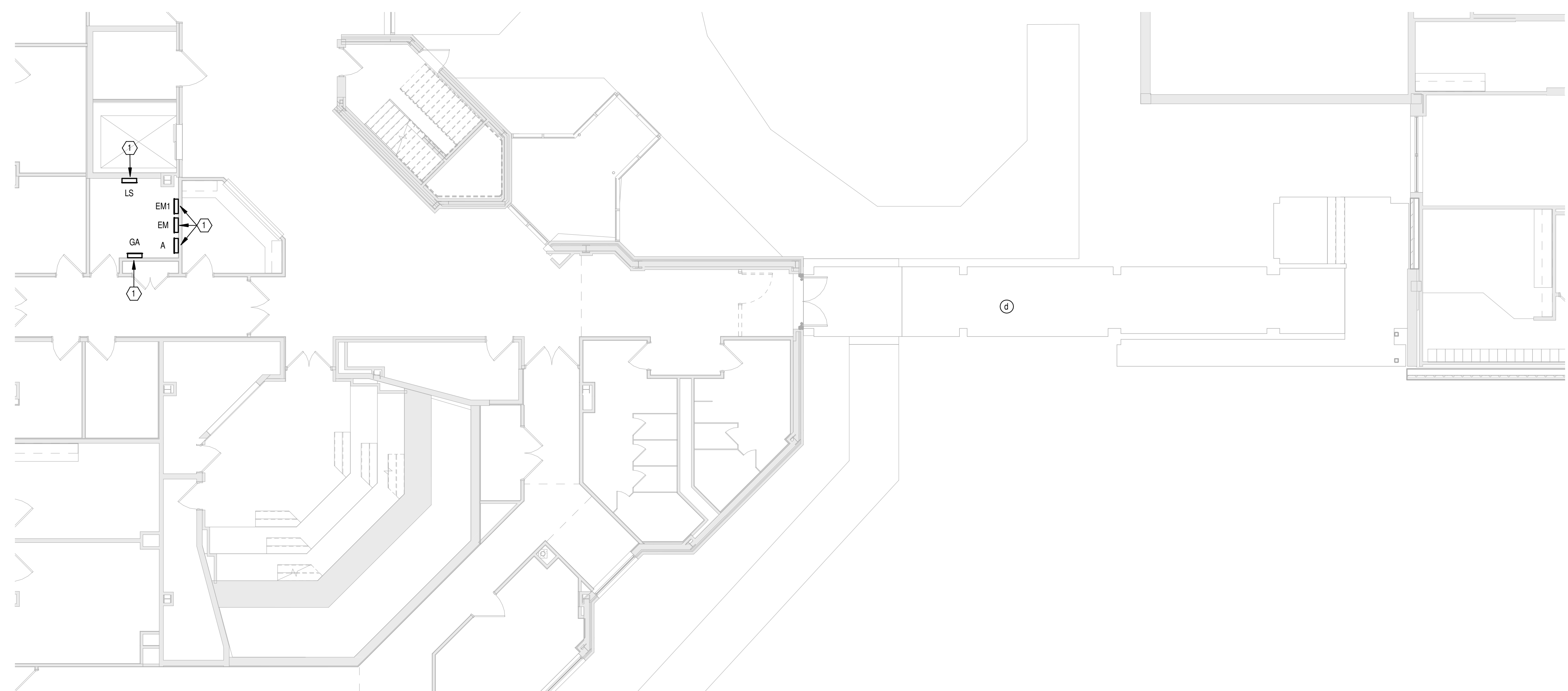
GENERAL NOTES  
A REFER TO SHEET E001 FOR LEGEND, SYMBOLS & INDEX OF DRAWINGS.

- PLAN NOTES
1. REPLACE PANEL INTERIORS AND BREAKERS. MATCH EXISTING BREAKER SIZE. REPLACE PANEL TUB AS REQUIRED TO FIT NEW INTERIORS.
  2. UNDER ALTERNATE CONNECTOR TO REMAIN. INSTALL NEW LIGHT FIXTURES, AND DEVICES AS INDICATED.
  3. USE SPARE 1000A BREAKER TO FEED RELOCATED SHELTER.
  4. 4" COMMUNICATION CONDUIT.

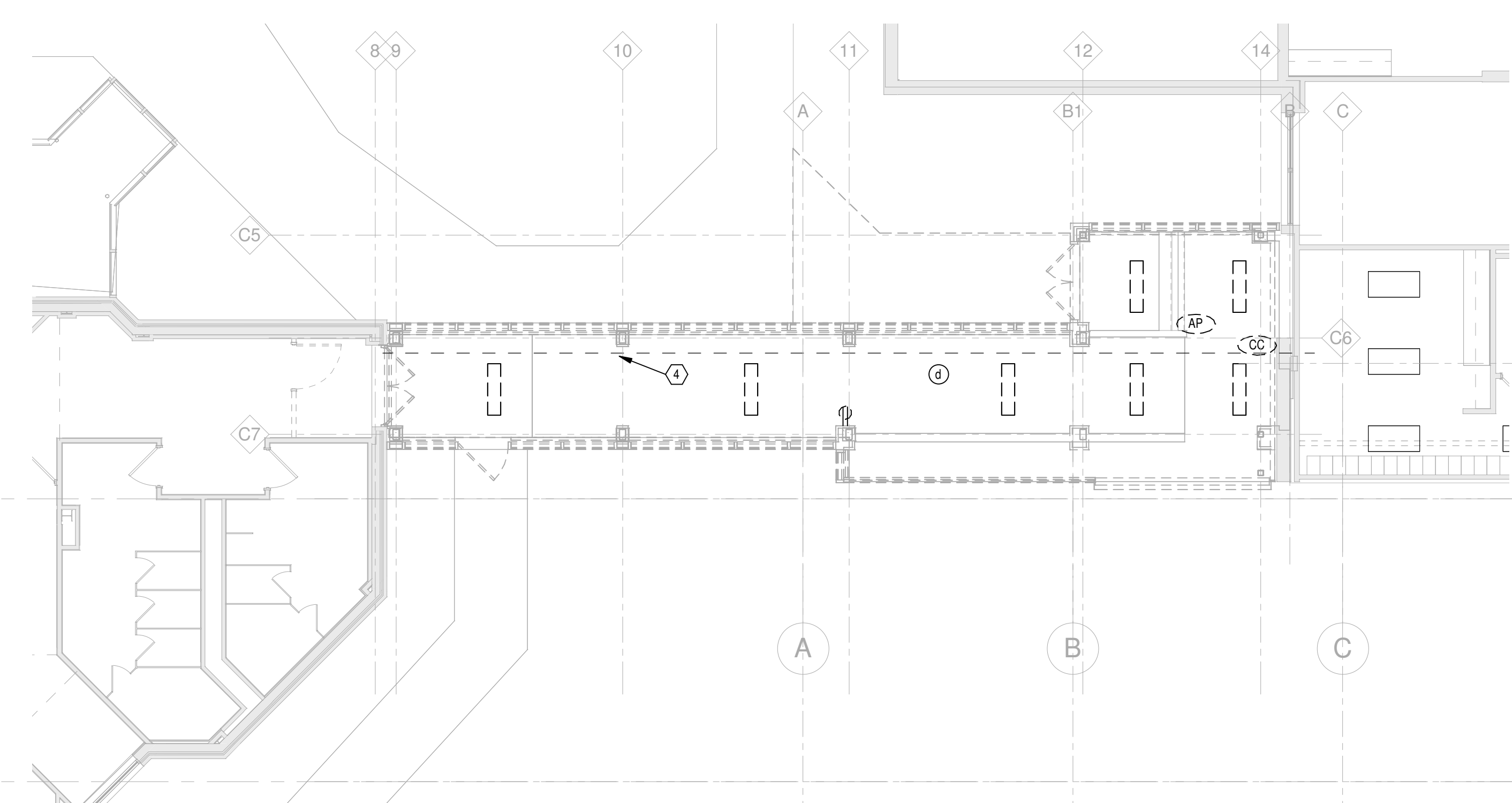
- BID ITEMS
- a. BID ITEM #1: BASE BID.
  - b. BID ITEM #2 - DEDUCT ALTERNATE #1: DELETE LIGHTING IN COORIDORS C-2-2, C2-3, C2-4, C2-5, C2-6, PLUS ALL PREVIOUS BID ITEMS.
  - c. BID ITEM #3 - DEDUCT ALTERNATE #2: DELETE ALL WORK IN RESTROOMS 210, AND 228. PLUS ALL PREVIOUS BID ITEMS.
  - d. BID ITEM #4 - DEDUCT ALTERNATE #3: DELETE THE WORK ASSOCIATED WITH DEMOLITION OF THE CONNECTING CORRIDOR BETWEEN BLD. 315 & 310. PLUS ALL PREVIOUS BID ITEMS.
  - e. BID ITEM #5 - DEDUCT ALTERNATE #4: DELETE ALL WORK ASSOCIATED WITH THE 7TH FLOOR OF BUILDING 330. PLUS ALL PREVIOUS BID ITEMS.
  - f. BID ITEM #6: DEDUCT ALTERNATE #5: DEDUCT ALL WORK ASSOCIATED WITH REPLACEMENT OF PANELS A, B, GA, AA, 1A, 1B, 1C, EM, EM1, AND EM2. CONTRACTOR STILL WILL NEED TO PROVIDE BREAKERS FOR NEW LIGHTS AND EQUIPMENT AS DETAILED ON DRAWINGS. PLUS ALL PREVIOUS BID ITEMS.



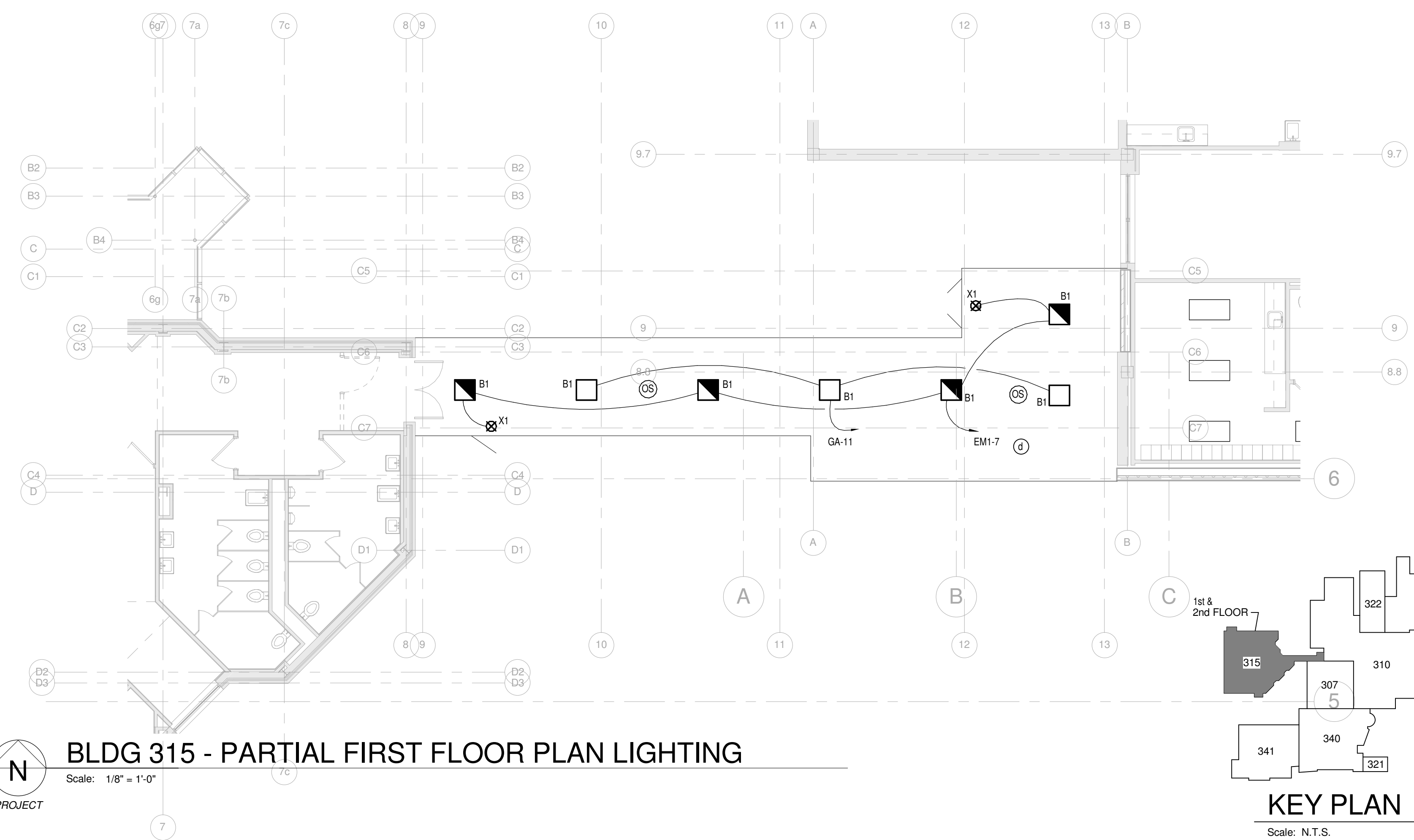
FIRST FLOOR - ELECTRIC ROOM  
Scale: 1/8" = 1'-0"



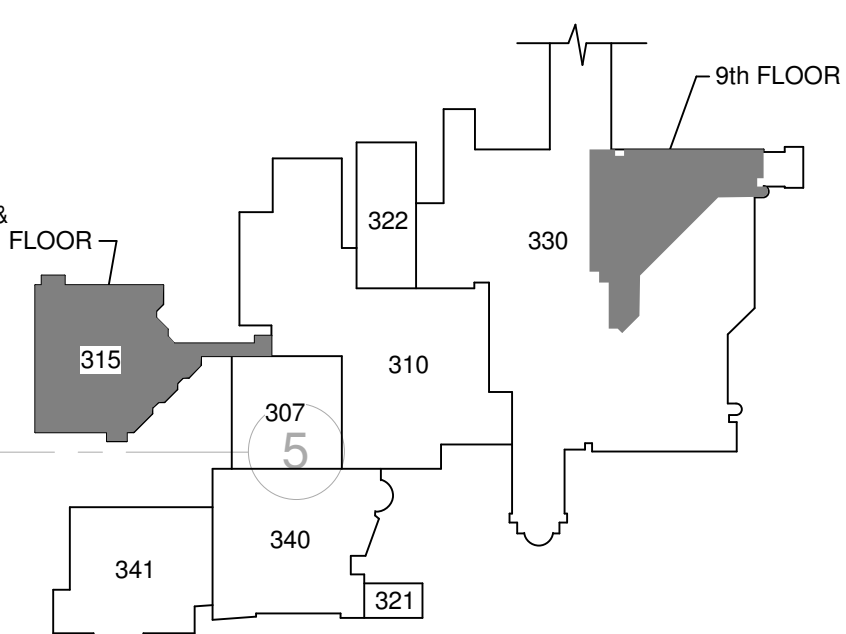
BLDG 315 - PARTIAL FIRST FLOOR PLAN POWER AND SYSTEMS  
Scale: 1/8" = 1'-0"



BLDG 315 - PARTIAL FIRST FLOOR PLAN REMOVALS  
Scale: 1/8" = 1'-0"



BLDG 315 - PARTIAL FIRST FLOOR PLAN LIGHTING  
Scale: 1/8" = 1'-0"



KEY PLAN  
Scale: N.T.S.

1	35% Schematic Design	03.05.2015
2	65% Design Development	04.28.2015
3	95% Owner Review	08.14.2015
4	100% Construction Documents	11.04.2015
5	Bid Set Drawings	01.15.2016
Revisions		Date

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CONSULTANTS:

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Drawing Title

**FIRST FLOOR PLAN - POWER**

Approved: Project Director

Project Title

**RELOCATE PROSTHETICS AND PODIATRY CLINICS**

Location **Dayton, Ohio**

Date **05.16.2016** Checked **MSG** Drawn **SC**

Project No. VA Project No. **552-15-502** JPA Project No. **14006.00**

Building Number **315**

Drawing Number **315EP101**

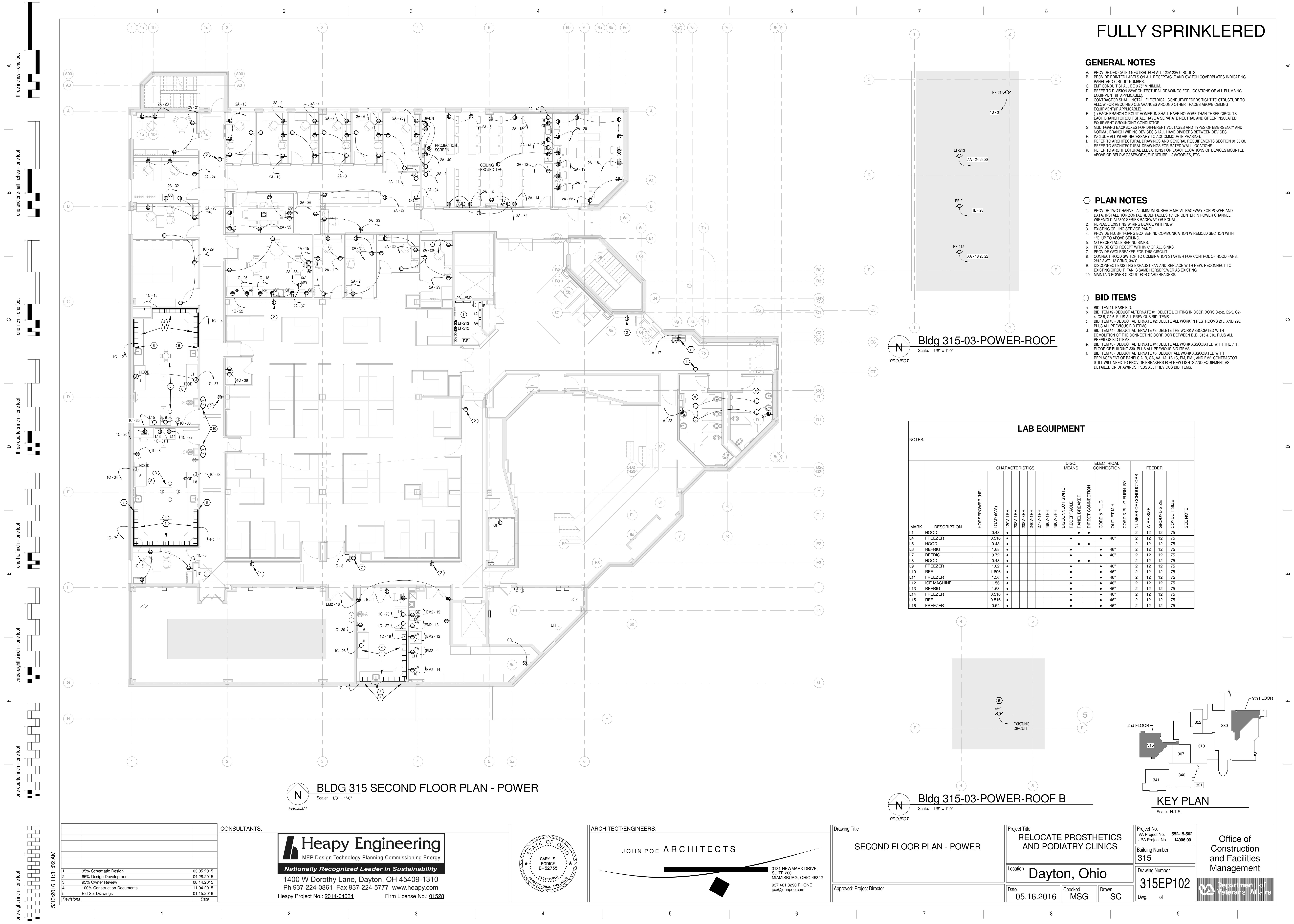
Dwg. of

Office of Construction and Facilities Management

Department of Veterans Affairs

three inches = one foot  
one and one-half inches = one foot  
one inch = one foot  
three-quarters inch = one foot  
one-half inch = one foot  
three-eighths inch = one foot  
one-quarter inch = one foot  
one-eighth inch = one foot

A  
B  
C  
D  
E  
F



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- GENERAL NOTES**
- A. PROVIDE DEDICATED NEUTRAL FOR ALL 120V-20A CIRCUITS.
  - B. PROVIDE PRINTED LABELS ON ALL RECEPTACLE AND SWITCH COVERPLATES INDICATING PANEL AND CIRCUIT NUMBER.
  - C. EMT CONDUIT SHALL BE 1/2" MINIMUM.
  - D. REFER TO DIVISION 22 ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PLUMBING EQUIPMENT (IF APPLICABLE).
  - E. CONTRACTOR SHALL INSTALL ELECTRICAL CONDUIT/FEEDERS TIGHT TO STRUCTURE TO ALLOW FOR REQUIRED CLEARANCES AROUND OTHER TRADES ABOVE CEILING EQUIPMENT (IF APPLICABLE).
  - F. (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
  - G. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
  - H. INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.
  - I. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.
  - J. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.
  - K. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

- PLAN NOTES**
- 1. PROVIDE TWO CHANNEL ALUMINUM SURFACE RACEWAY FOR POWER AND DATA. INSTALL HORIZONTAL RECEPTACLES 18" ON CENTER IN POWER CHANNEL. WIREMOLD AL300 SERIES RACEWAY OR EQUAL.
  - 2. REPLACE EXISTING WIRING DEVICE WITH NEW.
  - 3. EXISTING CEILING SERVICE PANEL.
  - 4. PROVIDE FLUSH 1 GANG BOX BEHIND COMMUNICATION WIREMOLD SECTION WITH 1" UP TO ABOVE CEILING.
  - 5. NO RECEPTACLE BEHIND SINKS.
  - 6. PROVIDE GFCI RECEPT WITHIN 5' OF ALL SINKS.
  - 7. PROVIDE GFCI BREAKER FOR THIS CIRCUIT.
  - 8. CONNECT HOOD SWITCH TO COMBINATION STARTER FOR CONTROL OF HOOD FANS. 2012 AVG. 1/2 GROUND. 3/4 C.
  - 9. DISCONNECT EXISTING EXHAUST FAN AND REPLACE WITH NEW. RECONNECT TO EXISTING CIRCUIT. FAN IS SAME HORSEPOWER AS EXISTING.
  - 10. MAINTAIN POWER CIRCUIT FOR CARD READERS.

- BID ITEMS**
- a. BID ITEM #1: BASE BID.
  - b. BID ITEM #2: DEDUCT ALTERNATE #1: DELETE LIGHTING IN COORIDORS C-2-2, C2-3, C2-4, C2-5, C2-6 PLUS ALL PREVIOUS BID ITEMS.
  - c. BID ITEM #3: DEDUCT ALTERNATE #2: DELETE ALL WORK IN RESTROOMS 210, AND 228. PLUS ALL PREVIOUS BID ITEMS.
  - d. BID ITEM #4: DEDUCT ALTERNATE #3: DELETE THE WORK ASSOCIATED WITH DEMOLITION OF THE CONNECTING CORRIDOR BETWEEN BLD. 315 & 310. PLUS ALL PREVIOUS BID ITEMS.
  - e. BID ITEM #5: DEDUCT ALTERNATE #4: DELETE ALL WORK ASSOCIATED WITH THE 7TH FLOOR OF BUILDING 330. PLUS ALL PREVIOUS BID ITEMS.
  - f. BID ITEM #6: DEDUCT ALTERNATE #5: DEDUCT ALL WORK ASSOCIATED WITH REPLACEMENT OF PANELS A, B, GA, AA, 1A, 1B, 1C, EM, EM1, AND EM2. CONTRACTOR STILL WILL NEED TO PROVIDE BREAKERS FOR NEW LIGHTS AND EQUIPMENT AS DETAILED ON DRAWINGS. PLUS ALL PREVIOUS BID ITEMS.

Bldg 315-03-POWER-ROOF

Scale: 1/8" = 1'-0"

# LAB EQUIPMENT

NOTES:

MARK	DESCRIPTION	HORSEPOWER (HP)	LOAD (KVA)	CHARACTERISTICS				DISC. MEANS		ELECTRICAL CONNECTION		FEEDER		SEE NOTE				
				120V-1PH	208V-3PH	240V-1PH	277V-1PH	480V-1PH	480V-3PH	DISCONNECT SWITCH	RECEPTACLE	PANEL BREAKER	DIRECT CONNECTION		CORD & PLUG	OUTLET M.H.	CORD & PLUG FURN. BY	NUMBER OF CONDUCTORS
L1	HOOD	0.48	●							●	●			2	12	12	.75	
L4	FREEZER	0.516	●					●	●		●	46"		2	12	12	.75	
L5	HOOD	0.48	●						●	●			2	12	12	.75		
L6	REFRIG	1.68	●										2	12	12	.75		
L7	REFRIG	0.72	●					●	●		●	46"		2	12	12	.75	
L8	HOOD	0.48	●						●	●			2	12	12	.75		
L9	FREEZER	1.02	●					●	●		●	46"		2	12	12	.75	
L10	REF	1.896	●										2	12	12	.75		
L11	FREEZER	1.56	●									46"		2	12	12	.75	
L12	ICE MACHINE	1.56	●					●	●		●	46"		2	12	12	.75	
L13	REFRIG	1.68	●								●	46"		2	12	12	.75	
L14	FREEZER	0.516	●								●	46"		2	12	12	.75	
L15	REF	0.516	●								●	46"		2	12	12	.75	
L16	FREEZER	0.54	●					●	●		●	46"		2	12	12	.75	

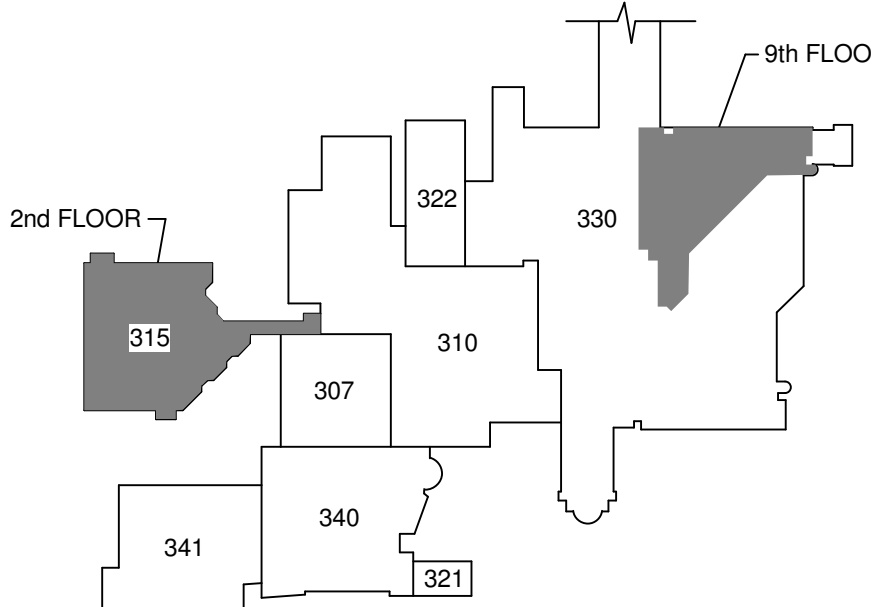
FULLY SPRINKLERED

GENERAL NOTES

A REFER TO SHEET E001 FOR LEGEND, SYMBOLS & INDEX OF DRAWINGS.

PLAN NOTES

- EXISTING FIRE ALARM PANEL AND FIBER TERMINATION CABINET ABOVE. REFER TO FA CABLING DETAILS FOR WORK REQUIRED.
- EXISTING SIGNALS CLOSET. PROVIDE NEW FIBER/COPPER BACKBONE CABLING AND TERMINATION EQUIPMENT AS DETAILED ON SHEET E701.
- REFER TO PLAN E5002 FOR CONTINUATION.
- PROVIDE NEW CABLING ABOVE EXISTING CEILING. PROVIDE NEW CABLE MANAGEMENT J-HOOKS. COORDINATE ROUTING WITH EXISTING UTILITIES ABOVE CEILING.
- PROVIDE TWO (2) UL LISTED FIRE RATED ASSEMBLIES. RE-ENTERABLE CABLE PATHWAYS W/ CONDUIT EQUIVALENT AREA THROUGH WALL ABOVE CEILING. PROVIDE SAW CUT AND 2-4" CONDUIT SLEEVES UP THROUGH FLOOR ABOVE.
- WITH UL FIRE RATED ASSEMBLIES. COORDINATE LOCATION WITH VA.
- PROVIDE 3-4" CONDUITS FROM BUILDING EXTERIOR. EXTENDED HIGH ACROSS MECHANICAL ROOM AND OUT INTO ABOVE CORRIDOR CEILING FOR TELECOM CABLING.



KEY PLAN

Scale: N.T.S.



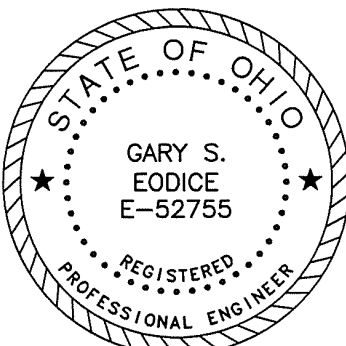
BLDG 315 FIRST FLOOR PLAN - TECHNOLOGY

Scale: 1/8" = 1'-0"

CONSULTANTS:

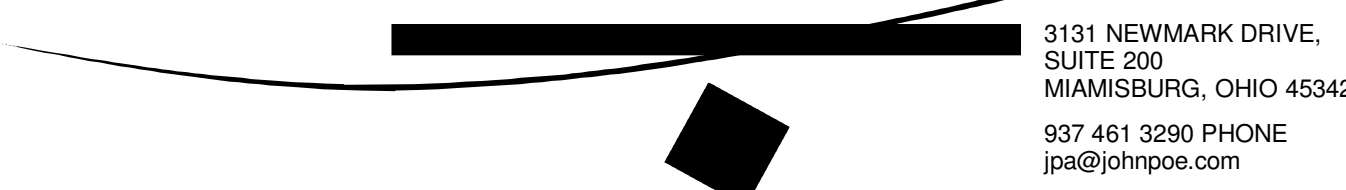


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Drawing Title

FIRST FLOOR PLAN -  
TECHNOLOGY

Approved: Project Director

Project Title

RELOCATE PROSTHETICS  
AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

MSG

Drawn

JDK

Project No.

VA Project No. 552-15-502  
JPA Project No. 14006.00

Building Number

315

Drawing Number

315ET101

Dwg. of

Office of  
Construction  
and Facilities  
Management



5/13/2016 11:31:04 AM

Revisions		Date
1	35% Schematic Design	03.05.2015
2	65% Design Development	04.28.2015
3	95% Owner Review	08.14.2015
4	100% Construction Documents	11.04.2015
5	Bid Set Drawings	01.15.2016



FULLY SPRINKLERED

GENERAL NOTES

- A. ALL NEW VOICE/DATA CABLING TO BE RUN TO EXISTING SIGNALS CLOSET.  
B. ALL NEW INTERCOM AND SECURITY/ACCESS CONTROL CABLING TO BE RUN TO EXISTING SIGNALS CLOSET.  
C. UTILIZE NEW JHOCK CABLE MANAGEMENT SYSTEM ABOVE SUSPENDED CEILINGS WHERE CABLE TRAY IS NOT AVAILABLE.

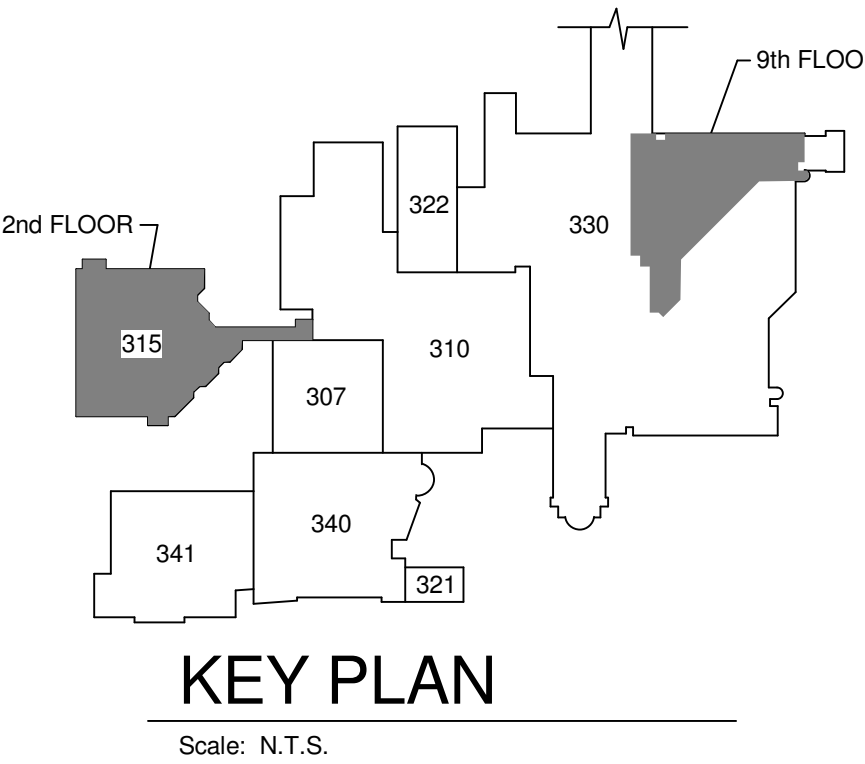
PLAN NOTES

1. EXISTING SIGNALS CLOSET TO REMAIN. NEW DATA TO BE FED FROM NEW PATCH PANELS TO BE INSTALLED IN EXISTING RACK. PROVIDE THREE (3) NEW CISCO 48 PORT POE SWITCHES (CISCO 3650 SERIES) IN EXISTING RACK WITH STACKING CABLES AND STATION PATCH CABLES TO ACTIVATE ALL NEW DATA DROPS.  
2. MOUNT IN 2 CHANNEL SURFACE RACEWAY.  
3. PROVIDE 4" CONDUIT CAPACITY EQUIVALENT. RE-ENTERABLE FIRE RATED SLEEVE ASSEMBLY ABOVE CEILING.  
4. REPLACE EXISTING OUT CARD READER WITH NEW HONEYWELL BUILDING SYSTEM CARD READER. PROVIDE CABLING BACK TO EXISTING SIGNALS 114 AND CONNECT TO NEW HONEYWELL DOOR CONTROL EQUIPMENT AS REQUIRED.  
5. EXISTING DOOR LOCK, POSITION SWITCH AND REK MOTION TO BE RE-USED FOR NEW DOOR CONTROL. PROVIDE CABLING BACK TO EXISTING SIGNALS 114 AND CONNECT TO NEW HONEYWELL DOOR CONTROL EQUIPMENT AS REQUIRED.  
6. PROVIDE CEILING ENCLOSURE FOR AV EQUIPMENT. PROVIDE VA DATA DROP IN ENCLOSURE. REFER TO AV SYSTEM DETAILS, SHEET E5703.  
7. PROVIDE WALL OUTLET AND AV SYSTEM CONTROLLER INCLUDING 1-DATA DROP IN OUTLET FOR CONNECTION TO AV CONTROL PANEL. REFER TO AV SYSTEM DETAILS, SHEET E5703.  
8. AV RACK TO BE MOUNTED IN BASE CABINET. PROVIDE AV OUTLET AND POWER OUTLET BEHIND RACK.

WAP SURVEY

- A. THE DRAWINGS SHOW THE RELOCATION OF WIRELESS ACCESS POINTS FOR 802.11n/ac WLAN AND RTLS COVERAGE OF THE RENOVATION AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A WLAN RF PREDICTIVE MODEL BASED UPON THE PERFORMANCE REQUIREMENTS ESTABLISHED BY THE VA TO DETERMINE THE ACTUAL LOCATION OF WIRELESS ACCESS POINTS. ALL CABLING SHALL BE MATCHED TO THE CONTRACTOR GENERATED PREDICTIVE MODEL FOR AP LOCATIONS. THE CONTRACTOR SHALL PROVIDE A COPY OF THE PREDICTIVE MODEL REPORT WITH THE SHOP DRAWINGS. IF THE RF PREDICTIVE MODEL INDICATES THAT ADDITIONAL ACCESS POINTS ARE REQUIRED, THE CONTRACTOR WILL PROVIDE THE JUSTIFICATION TO THE VA FOR FURTHER CONSIDERATION.  
B. THE WLAN DESIGN SHALL INCORPORATE PROJECT PHASING SO THAT EACH PHASE AND ALL EXISTING AREAS WILL BE COMPLETE AND FUNCTIONAL THROUGHOUT THE CONSTRUCTION PROCESS WITH DOWN TIME MINIMIZED AND PRE-APPROVED BY THE VA.  
C. THE CONTRACTOR SHALL PROVIDE AN RF SITE VALIDATION SURVEY AFTER RE-INSTALLATION OF THE ACCESS POINTS TO VALIDATE THE DESIGN. DEMONSTRATE PERFORMANCE OF THE WLAN AND RTLS TO THE VA CRITERIA, AND TO MAKE ADJUSTMENTS IN AP LOCATIONS AS REQUIRED TO MEET SPECIFIC SYSTEM PERFORMANCE REQUIREMENTS.

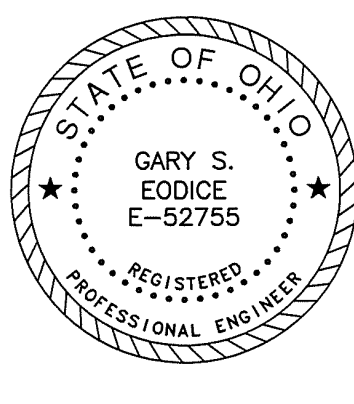
BLDG 315 SECOND FLOOR PLAN - TECHNOLOGY  
Scale: 1/8" = 1'-0"



Revisions		Date
1	35% Schematic Design	03.05.2015
2	65% Design Development	04.28.2015
3	95% Owner Review	08.14.2015
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Drawing Title

SECOND FLOOR PLAN -  
TECHNOLOGY

Approved: Project Director

Project Title

RELOCATE PROSTHETICS  
AND PODIATRY CLINICS

Location

Dayton, Ohio

Date

05.16.2016

Checked

MSG

Drawn

SC

Project No.

VA Project No. 552-15-502

JPA Project No. 14006.00

Building Number

315

Drawing Number

315ET102

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